

Hrvatski zavod za norme

Oglasnik za normativne dokumente

1/2015 veljača, 2015.

Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvatanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrte hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije razvrstane po predmetnom ustroju i obavijesti HZN-a.

Tko u popisima normativnih dokumenata koji su objavljeni u ovom Oglasniku otkrije koju grešku, koja može voditi do krive primjene, moli se da o tome neodložno obavijesti Hrvatski zavod za norme, kako bi se mogli otkloniti uočeni propusti.

Izdavač:



Hrvatski zavod za norme
Croatian Standards Institute

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1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 80/2013) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora. Hrvatske norme mogu nastati na ova četiri načina:

- prihvaćanjem stranih (međunarodnih/europskih/nacionalnih) norma uz prevođenje na hrvatski jezik (pp)
- prihvaćanjem stranih norma u izvorniku s hrvatskim ovitkom (po)
- prihvaćanjem stranih norma u izvorniku objavom obavijesti o prihvaćanju (pr)
- izradbom izvorne hrvatske norme (izv).

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme. Hrvatske su norme zainteresiranim na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HNZ/TO 8, Brodogradnja

HRN ISO 8728:2015 en pr

Brodovi i pomorska tehnologija – Brodski zvrčni kompasi (ISO 8728:2014)
Ships and marine technology – Marine gyro-compasses (ISO 8728:2014)

HRN EN ISO 10239:2015 en pr

Mala plovila – Sustavi ukapljenih naftnih plinova (LPG) (ISO 10239:2014; EN ISO 10239:2014)
Small craft – Liquefied petroleum gas (LPG) systems (ISO 10239:2014; EN ISO 10239:2014)

HRN EN ISO 13297:2015 en pr

Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2014;
EN ISO 13297:2014)
Small craft – Electrical systems – Alternating current installations (ISO 13297:2014;
EN ISO 13297:2014)

HRN ISO 16328:2015 en pr

Brodovi i pomorska tehnologija – Zvrčni kompas za brza plovila (ISO 16328:2014)
Ships and marine technology – Gyro-compasses for high-speed craft (ISO 16328:2014)

HRN EN ISO 21487:2013/A1:2015 en pr

Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo – Amandman 1
(ISO 21487:2012/Amd 1:2014; EN ISO 21487:2012/A1:2014)
Small craft – Permanently installed petrol and diesel fuel tanks – Amendment 1
(ISO 21487:2012/Amd 1:2014; EN ISO 21487:2012/A1:2014)

HRN ISO 22090-1:2015 en pr

Brodovi i pomorska tehnologija – Uređaji za prijenos kursa (THDs) – 1. dio: Zvrčni kompasi
(ISO 22090-1:2014)
Ships and marine technology – Transmitting heading devices (THDs) – Part 1: Gyro-compasses
(ISO 22090-1:2014)

HRN ISO 22090-3:2015 en pr

Brodovi i pomorska tehnologija – Uređaji za prijenos kursa (THDs) – 3. dio: GNSS metoda
(ISO 22090-3:2014)
Ships and marine technology – Transmitting heading devices (THDs) – Part 3: GNSS principles
(ISO 22090-3:2014)

HRN EN ISO 25197:2013/A1:2015 en pr

Mala plovila – Elektronički upravljački sustavi za kormilarenje, ukapčanje spojke i regulator brzine
vrtnje – Amandman 1 (ISO 25197:2012/Amd 1:2014; EN ISO 25197:2012/A1:2014)
Small craft – Electrical/electronic control systems for steering, shift and throttle – Amendment 1
(ISO 25197:2012/Amd 1:2014; EN ISO 25197:2012/A1:2014)

HRN ISO 28004-2:2015 en pr

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 2. dio:
Smjernice za prihvaćanje ISO 28000 za uporabu u aktivnostima u srednjim i malim morskim lukama
(ISO 28004-2:2014)

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000
– Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations
(ISO 28004-2:2014)

HRN ISO 28004-3:2015 en pr

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 3. dio: Dodatne posebne upute za prihvaćanje ISO 28000 za uporabu od strane srednjih i malih poduzeća (osim morskih luka) (ISO 28004-3:2014)

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000
– Part 3: Additional specific guidance for adopting ISO 28000 for use by medium and small businesses
(other than marine ports) (ISO 28004-3:2014)

HRN ISO 28004-4:2015 en pr

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 4. dio: Dodatne posebne upute za primjenu ISO 28000 ako je sukladnost s ISO 28001 cilj uprave (ISO 28004-4:2014)
Security management systems for the supply chain – Guidelines for the implementation of ISO 28000
– Part 4: Additional specific guidance on implementing ISO 28000 if compliance with ISO 28001 is a management objective (ISO 28004-4:2014)

HN/T/TO 21, Protupožarna i vatrogasna oprema**HRN EN 54-31:2015 en pr**

Sustavi za otkrivanje i dojavu požara – 31. dio: Multisenzorski detektori požara – Kombinirani točkasti detektori u kojima se upotrebljavaju osjetnici dima, ugljikovog monoksida i opcionalni osjetnici topline (EN 54-31:2014)
Fire detection and fire alarm system – Part 31: Multi-sensor fire detectors – Point detectors using a combination of smoke, carbon monoxide and optionally heat sensors (EN 54-31:2014)

HRN DIN VDE 0833-1:2015 de pr

Sustavi za uzbunjivanje zbog požara, provale i prepada – 1. dio: Opći zahtjevi (DIN VDE 0833-1:2014)
Gefahrenmeldeanlagen für Brand, Einbruch und Überfall – Teil 1: Allgemeine Festlegungen
(DIN VDE 0833-1:2014)

HRN DIN 14675:2015 de pr

Sustavi za otkrivanje i dojavu požara – Ugradba i rad (DIN 14675:2012+Beiblatt 1:2014)
Brandmeldeanlagen – Aufbau und Betrieb (DIN 14675:2012+Beiblatt 1:2014)

HRN DIN 14678:2015 de pr

Ručni javljač požara (tip K) za primjenu u pogonskim prostorijama potencijalno ugroženim eksplozijom plinova ili prašine (DIN 14678:2008)
Handfeuermelder (Bauart K) zur Anwendung in durch Gase oder Stäube explosionsgefährdeten Betriebsstätten (DIN 14678:2008)

HN/T/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo**HRN ISO 3463:2015 en pr**

Traktori za poljoprivrednu i šumarstvo – Zaštitna konstrukcija pri prevrtanju (ROPS) – Dinamička metoda ispitivanja i uvjeti prihvatanja (ISO 3463:2006)
Tractors for agriculture and forestry – Roll-over protective structures (ROPS) – Dynamic test method and acceptance conditions (ISO 3463:2006)

HRN ISO 5008:2015 en pr

Poljoprivredni traktori s kotačima i poljska mehanizacija – Mjerenje vibracija koje se prenose na cijelo tijelo rukovatelja (ISO 5008:2002+Cor 1:2005)

Agricultural wheeled tractors and field machinery – Measurement of whole-body vibration of the operator (ISO 5008:2002+Cor 1:2005)

HRN ISO 5700:2015 en pr

Traktori za poljoprivredu i šumarstvo – Zaštitna konstrukcija pri prevrtanju (ROPS) – Statička metoda ispitivanja i uvjeti prihvaćanja (ISO 5700:2013)

Tractors for agriculture and forestry – Roll-over protective structures (ROPS) – Static test method and acceptance conditions (ISO 5700:2013)

HRN ISO 10625:2015 en pr

Oprema za zaštitu bilja – Sapnice za prskanje – Kodiranje bojama za identifikaciju (ISO 10625:2005)

Equipment for crop protection – Sprayer nozzles – Colour coding for identification (ISO 10625:2005)

HRN EN 15811:2015 en pr

Poljoprivredna mehanizacija – Nepomični štitnici i štitnici s uređajem za međublokiranje ili bez njega za pokretnе dijelove prijenosnika snage (ISO/TS 28923:2012, MOD; EN 15811:2014)

Agricultural machinery – Fixed guards and interlocked guards with or without guard locking for moving transmission parts (ISO/TS 28923:2012, MOD; EN 15811:2014)

HRN EN ISO 16119-4:2015 en pr

Poljoprivredna i šumarska mehanizacija – Zahtjevi za prskalice s obzirom na okoliš – 4. dio:

Nepomične i polupokretne prskalice (ISO 16119-4:2014; EN ISO 16119-4:2014)

Agricultural and forestry machinery – Environmental requirements for sprayers – Part 4: Fixed and semi-mobile sprayers (ISO 16119-4:2014; EN ISO 16119-4:2014)

HNZ/TO 25, Ljevarstvo**HRN EN 1371-2:2015 en pr**

Ljevarstvo – Ispitivanje tekućim penetrantima – 2. dio: Odljevci lijevani postupkom s istaljivim modelima (EN 1371-2:2015)

Founding – Liquid penetrant testing – Part 2: Investment castings (EN 1371-2:2015)

HRN EN 10293:2015 en pr

Čelični odljevci – Čelični odljevci za opću inženjersku upotrebu (EN 10293:2015)

Steel casting – Steel castings for general engineering uses (EN 10293:2015)

HNZ/TO 28, Naftni proizvodi i maziva**HRN EN 16568:2015 en pr**

Goriva za motorna vozila – Mješavine metilnih estera masnih kiselina (FAME) s dizelskim gorivom – Određivanje oksidacijske stabilnosti metodom jako ubrzane oksidacije pri 120 °C (EN 16568:2014)

Automotive fuels – Blends of Fatty acid methyl ester (FAME) with diesel fuel – Determination of oxidation stability by rapidly accelerated oxidation method at 120 °C (EN 16568:2014)

HNZ/TO 34/PO 4, Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita**HRN EN ISO 5530-1:2015 en pr**

Pšenično brašno – Fizikalna svojstva tjestova – 1. dio: Određivanje apsorpcije vode i reoloških svojstava farinografom (ISO 5530-1:2013; EN ISO 5530-1:2014)

Wheat flour – Physical characteristics of doughs – Part 1: Determination of water absorption and rheological properties using a farinograph (ISO 5530-1:2013; EN ISO 5530-1:2014)

HRN EN ISO 5530-2:2015 en pr

Pšenično brašno – Fizikalna svojstva tijesta – 2. dio: Određivanje reoloških svojstava ekstenzografom (ISO 5530-2:2012; EN ISO 5530-2:2014)

Wheat flour – Physical characteristics of doughs – Part 2: Determination of rheological properties using an extensograph (ISO 5530-2:2012; EN ISO 5530-2:2014)

HRN EN ISO 17715:2015 en pr

Pšenično brašno (Triticum aestivum L.) – Amperometrijska metoda mjerena oštećenja škroba (ISO 17715:2013; EN ISO 17715:2014)

Flour from wheat (Triticum aestivum L.) – Amperometric method for starch damage measurement (ISO 17715:2013; EN ISO 17715:2014)

HRN EN ISO 17718:2015 en pr

Neprosijano i pšenično brašno (Triticum aestivum L.) – Određivanje reoloških karakteristika kao funkcije miješanja i povećanja temperature (ISO 17718:2013; EN ISO 17718:2014)

Wholemeal and flour from wheat (Triticum aestivum L.) – Determination of rheological behaviour as a function of mixing and temperature increase (ISO 17718:2013; EN ISO 17718:2014)

HZN/TO 43, Akustika**HRN EN ISO 16251-1:2015 en pr**

Akustika – Laboratorijsko mjerjenje smanjenja prenesenog udarnog zvuka izvedbom podne obloge na malom modelu međukatne konstrukcije – 1. dio: Masivna međukatna konstrukcija (ISO 16251-1:2014; EN ISO 16251-1:2014)

Acoustics – Laboratory measurement of the reduction of transmitted impact noise by floor coverings on a small floor mock-up – Part 1: Heavyweight compact floor (ISO 16251-1:2014; EN ISO 16251-1:2014)

HRN EN 16487:2015 en pr

Akustika – Pravila za ispitivanje spuštenih stropova – Zvučna apsorpcija (EN 16487:2014)

Acoustics – Test code for suspended ceilings – Sound absorption (EN 16487:2014)

HZN/TO 44, Zavarivanje i srodni postupci**HRN EN ISO 14919:2015 en pr**

Toplinsko naštrcavanje – Žice, šipke i pletena žica za naštrcavanje pomoću plinskoga plamena i električnog luka – Razredba, tehnički uvjeti isporuke (ISO 14919:2015; EN ISO 14919:2015)

Thermal spraying – Wires, rods and cords for flame and arc spraying – Classification; Technical supply conditions (ISO 14919:2015; EN ISO 14919:2015)

HRN EN ISO 14920:2015 en pr

Toplinsko naštrcavanje – Naštrcavanje i spajanje legura koje sadržavaju talilo (ISO 14920:2015; EN ISO 14920:2015)

Thermal spraying – Spraying and fusing of self-fluxing alloys (ISO 14920:2015; EN ISO 14920:2015)

HRI CEN/TR 15339-1:2015 en pr

Toplinsko naštrcavanje – Sigurnosni zahtjevi za opremu za toplinsko naštrcavanje – 1. dio: Opći zahtjevi (CEN/TR 15339-1:2014)

Thermal spraying – Safety requirements for thermal spraying equipment – Part 1: General requirements (CEN/TR 15339-1:2014)

HRI CEN/TR 15339-3:2015 en pr

Toplinsko naštrcavanje – Sigurnosni zahtjevi za opremu za toplinsko naštrcavanje – 3. dio: Plamenici i brizgači za toplinsko naštrcavanje i njihovi priključci i jedinice za napajanje (CEN/TR 15339-3:2014)

Thermal spraying – Safety requirements for thermal spraying equipment – Part 3: Torches for thermal spraying and their connection and supply units (CEN/TR 15339-3:2014)

HRI CEN/TR 15339-4:2015 en pr

Toplinsko naštrcavanje – Sigurnosni zahtjevi za opremu za toplinsko naštrcavanje – 4. dio: Napajanje plinom i tekućim gorivom (CEN/TR 15339-4:2014)

Thermal spraying – Safety requirements for thermal spraying equipment – Part 4: Gas and liquid fuel supply (CEN/TR 15339-4:2014)

HRI CEN/TR 15339-5:2015 en pr

Toplinsko naštrcavanje – Sigurnosni zahtjevi za opremu za toplinsko naštrcavanje – 5. dio: Uređaji za dodavanje praška i žice (CEN/TR 15339-5:2014)

Thermal spraying – Safety requirements for thermal spraying equipment – Part 5: Powder and wire feed units (CEN/TR 15339-5:2014)

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije***HRN ISO 10161-1:2015 en pr**

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Specifikacija protokola za primjenu u službi međuknjižnične posudbe – 1. dio: Specifikacija protokola (ISO 10161-1:2014)

Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 1: Protocol specification (ISO 10161-1:2014)

HRN ISO 10161-2:2015 en pr

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Specifikacija protokola za primjenu međuknjižnične posudbe – 2. dio: Proforma izjava o protokolu za usklađenost implementacije (PICS) (ISO 10161-2:2014)

Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 2: Protocol implementation conformance statement (PICS) proforma (ISO 10161-2:2014)

HRN ISO 21127:2015 en pr

Informacije i dokumentacija – Referentna ontologija za razmjenu podataka o kulturnoj baštini (ISO 21127:2014)

Information and documentation – A reference ontology for the interchange of cultural heritage information (ISO 21127:2014)

HZN/TO 86, *Uređaji za hlađenje, klimatizaciju i dizalice topline***HRN EN 16440-1:2015 en pr**

Metodologija ispitivanja rashladnih uređaja za izolirana prijevozna sredstva – 1. dio: Rashladni uređaj s prisilnom cirkulacijom zraka s grijačem za odleđivanje isparivača ili bez njega (EN 16440-1:2015)

Testing methodologies of refrigerating devices for insulated means of transport – Part 1: Mechanical cooling device with forced air circulation evaporator with or without heating device (EN 16440-1:2015)

HZN/TO 89, *Furniri idrvne ploče***HRI CEN/TR 12872:2015 en pr**

Ploče na osnovi drva – Smjernice za uporabu nosivih ploča za podove, zidove i krovove (CEN/TR 12872:2014)

Wood-based panels – Guidance on the use of load-bearing boards in floors, walls and roofs (CEN/TR 12872:2014)

HZN/TO 92, Zaštita od požara

HRN EN 13823:2015 en pr

Ispitivanja reakcije na požar građevnih proizvoda – Građevni proizvodi osim podnih obloga izloženi termičkom opterećenju pojedinačno gorućeg elementa (EN 13823:2010+A1:2014)
Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item (EN 13823:2010+A1:2014)

HZN/TO 116, Uređaji i oprema za izmjenu topline

HRN EN 442-1:2015 en pr

Radijatori i konvektori – 1. dio: Tehničke specifikacije i zahtjevi (EN 442-1:2014)
Radiators and convectors – Part 1: Technical specifications and requirements (EN 442-1:2014)

HRN EN 442-2:2015 en pr

Radijatori i konvektori – 2. dio: Metode ispitivanja i određivanje značajka (EN 442-2:2014)
Radiators and convectors – Part 2: Test methods and rating (EN 442-2:2014)

HRN EN 16430-1:2015 en pr

Radijatori, konvektori i podni konvektori s prisilnom cirkulacijom – 1. dio: Tehničke specifikacije i zahtjevi (EN 16430-1:2014)
Fan assisted radiators, convectors and trench convectors – Part 1: Technical specifications and requirements (EN 16430-1:2014)

HRN EN 16430-2:2015 en pr

Radijatori, konvektori i podni konvektori s prisilnom cirkulacijom – 2. dio: Metode ispitivanja i određivanje toplinskog učinka (EN 16430-2:2014)
Fan assisted radiators, convectors and trench convectors – Part 2: Test method and rating for thermal output (EN 16430-2:2014)

HRN EN 16430-3:2015 en pr

Radijatori, konvektori i podni konvektori s prisilnom cirkulacijom – 3. dio: Metode ispitivanja i određivanje rashladnog učinka (EN 16430-3:2014)
Fan assisted radiators, convectors and trench convectors – Part 3: Test method and rating for cooling capacity (EN 16430-3:2014)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN 1789:2015 en pr

Medicinski automobili i njihova oprema – Cestovni medicinski automobili (EN 1789:2007+A2:2014)
Medical vehicles and their equipment – Road ambulances (EN 1789:2007+A2:2014)

HRN EN ISO 5359:2015 en pr

Anestetička i respiracijska oprema – Niskotlačni cjevovodni dijelovi za primjenu s medicinskim plinovima (ISO 5359:2014; EN ISO 5359:2014)
Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases (ISO 5359:2014; EN ISO 5359:2014)

HRN EN ISO 5367:2015 en pr

Anestetička i respiracijska oprema – Sklopovi za disanje i priključci (ISO 5367:2014; EN ISO 5367:2014)
Anaesthetic and respiratory equipment – Breathing sets and connectors (ISO 5367:2014; EN ISO 5367:2014)

HRN EN ISO 8836:2015 en pr

Usisni kateteri za upotrebu u dišnom putu (ISO 8836:2014; EN ISO 8836:2014)
Suction catheters for use in the respiratory tract (ISO 8836:2014; EN ISO 8836:2014)

HRN EN ISO 80601-2-69:2015 en pr

Medicinski električni uređaji – Dio 2-69: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja za koncentriranje kisika (ISO 80601-2-69:2014; EN ISO 80601-2-69:2014)

Medical electrical equipment – Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (ISO 80601-2-69:2014; EN ISO 80601-2-69:2014)

HN/T 130, Grafička tehnologija**HRN ISO 12647-4:2015 en pr**

Grafička tehnologija – Kontrola postupaka za kontrolu rasterskih izvadaka, probnog i proizvodnog otiska – 4. dio: Ilustracijski bakrotisak (ISO 12647-4:2014)

Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 4: Publication gravure printing (ISO 12647-4:2014)

HN/T 135, Nerazorna ispitivanja**HRN EN 1330-1:2015 en, fr, de pr**

Nerazorno ispitivanje – Nazivlje – 1. dio: Popis općih naziva (EN 1330-1:2014)

Non destructive testing – Terminology – Part 1: List of general terms (EN 1330-1:2014)

HN/T 136, Namještaj**HRN EN 1021-1:2015 en pr**

Namještaj – Procjena zapaljivosti ojastučenog namještaja – 1. dio: Izvor zapaljenja tinjajuća cigareta (EN 1021-1:2014)

Furniture – Assessment of the ignitability of upholstered furniture – Part 1: Ignition source smouldering cigarette (EN 1021-1:2014)

HRN EN 1021-2:2015 en pr

Namještaj – Procjena zapaljivosti ojastučenog namještaja – 2. dio: Izvor zapaljenja jednakovrijedan plamenu šibice (EN 1021-2:2014)

Furniture – Assessment of the ignitability of upholstered furniture – Part 2: Ignition source match flame equivalent (EN 1021-2:2014)

HN/T 145, Grafički simboli**HRN EN ISO 7010:2013/A5:2015 en pr**

Grafički simboli – Boje i znakovi sigurnosti – Registrirani znakovi sigurnosti – Amandman 5 (ISO 7010:2011/Amd 5:2014; EN ISO 7010:2012/A5:2015)

Graphical symbols – Safety colours and safety signs – Registered safety signs – Amendment 5 (ISO 7010:2011/Amd 5:2014; EN ISO 7010:2012/A5:2015)

HN/T 146, Kvaliteta zraka**HRS CEN/TS 13649:2015 en pr**

Emisije iz stacionarnih izvora – Određivanje masene koncentracije pojedinačnih plinovitih organskih spojeva – Uzorkovanje sorpcijom i ekstrakcija otapalom ili termičkom desorpcijom (CEN/TS 13649:2014)

Stationary source emissions – Determination of the mass concentration of individual gaseous organic compounds – Sorptive sampling method followed by solvent extraction or thermal desorption (CEN/TS 13649:2014)

HZN/TO 165, Drvene konstrukcije

HRN EN 1075:2015 en pr

Drvene konstrukcije – Metode ispitivanja – Spojevi izrađeni utisnutim metalnim ježastim pločama (EN 1075:2014)

Timber structures – Test methods – Joints made with punched metal plate fasteners (EN 1075:2014)

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11990-1:2015 en pr

Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 1. dio: Tijelo trahealne intubacijske cijevi (ISO 11990-1:2011; EN ISO 11990-1:2014)

Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 1: Tracheal tube shaft (ISO 11990-1:2011; EN ISO 11990-1:2014)

HRN EN ISO 11990-2:2015 en pr

Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 2. dio: Balonski završetci trahealnih intubacijskih cijevi (ISO 11990-2:2010; EN ISO 11990-2:2014)

Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 2: Tracheal tube cuffs (ISO 11990-2:2010; EN ISO 11990-2:2014)

HRN ISO 14132-3:2015 en pr

Optika i fotonika – Rječnik naziva za dalekozorne sustave – 3. dio: Nazivlje za optičke ciljnice (ISO 14132-3:2014)

Optics and photonics – Vocabulary for telescopic systems – Part 3: Terms for telescopic sights (ISO 14132-3:2014)

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

HRN EN 71-1:2015 en pr

Sigurnost igračaka – 1. dio: Mehanička i fizikalna svojstva (EN 71-1:2014)

Safety of toys – Part 1: Mechanical and physical properties (EN 71-1:2014)

HRN EN 71-14:2015 en pr

Sigurnost igračaka – 14. dio: Trampolini za kućnu uporabu (EN 71-14:2014)

Safety of toys – Part 14: Trampolines for domestic use (EN 71-14:2014)

HRN EN 1466:2015 en pr

Proizvodi za dojenčad i malu djecu – Nosiljke i postolja – Sigurnosni zahtjevi i metode ispitivanja (EN 1466:2014)

Child use and care articles – Carry cots and stands – Safety requirements and test methods (EN 1466:2014)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 17892-1:2015 en pr

Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 1. dio: Određivanje vlažnosti (ISO 17892-1:2014; EN ISO 17892-1:2014)

Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content (ISO 17892-1:2014; EN ISO 17892-1:2014)

HRN EN ISO 17892-2:2015 en pr

Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 2. dio: Određivanje prostorne gustoće (ISO 17892-2:2014; EN ISO 17892-2:2014)

Geotechnical investigation and testing – Laboratory testing of soil – Part 2: Determination of bulk density (ISO 17892-2:2014; EN ISO 17892-2:2014)

HZN/TO 190, Kvaliteta tla

HRN EN ISO 16198:2015 en pr

Kvaliteta tla – Test za procjenu bioraspoloživosti elemenata u tragovima za biljke baziran na bilnjom materijalu (ISO 16198:2015; EN ISO 16198:2015)

Soil quality – Plant-based test to assess the environmental bioavailability of trace elements to plants (ISO 16198:2015; EN ISO 16198:2015)

HZN/TO 211, Geoinformacije/Geomatika

HRN EN ISO 19101-1:2015 en pr

Geoinformacije – Referentni model – 1. dio: Osnove (ISO 19101-1:2014; EN ISO 19101-1:2014)

Geographic information – Reference model – Part 1: Fundamentals (ISO 19101-1:2014;

EN ISO 19101-1:2014)

HZN/TO 219, Podne obloge

HRN EN 1307:2015 en pr

Tekstilne podne obloge – Razredba (EN 1307:2014)

Textile floor coverings – Classification (EN 1307:2014)

HRN EN 14159:2015 en pr

Tekstilne podne obloge – Zahtjev za odstupanje (linearnih) dimenzija tepiha, staza, ploča od tepisona i tepisona od zida do zida i za odstupanja od ponavljanja uzorka (EN 14159:2014)

Textile floor coverings – Requirements for tolerances on (linear) dimensions of rugs, runners, carpet tiles and wall-to-wall carpet and for tolerances on pattern repeat (EN 14159:2014)

HZN/TO 221, Geosintetici

HRN EN ISO 13427:2015 en pr

Geosintetici – Simulacija oštećenja abrazijom (ispitivanje kliznim blokom) (ISO 13427:2014;

EN ISO 13427:2014)

Geosynthetics – Abrasion damage simulation (sliding block test) (ISO 13427:2014;

EN ISO 13427:2014)

HZN/TO 502, Plinski uređaji

HRN EN 203-2-1:2015 en pr

Plinski uređaji za profesionalne kuhinje – Dio 2-1: Specifični zahtjevi – Otvoreni plamenici i wok plamenici (EN 203-2-1:2014)

Gas heated catering equipment – Part 2-1: Specific requirements – Open burners and wok burners (EN 203-2-1:2014)

HRN EN 203-2-3:2015 en pr

Plinski uređaji za profesionalne kuhinje – Dio 2-3: Specifični zahtjevi – Kotlovi (EN 203-2-3:2014)

Gas heated catering equipment – Part 2-3: Specific requirements – Boiling pans (EN 203-2-3:2014)

HRN EN 12309-1:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 1. dio: Nazivi i definicije (EN 12309-1:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW – Part 1: Terms and definitions (EN 12309-1:2014)

HRN EN 12309-3:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 3. dio:
Uvjeti ispitivanja (EN 12309-3:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW –
Part 3: Test conditions (EN 12309-3:2014)

HRN EN 12309-4:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 4. dio:
Metode ispitivanja (EN 12309-4:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW –
Part 4: Test methods (EN 12309-4:2014)

HRN EN 12309-5:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 5. dio:
Zahtjevi (EN 12309-5:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW –
Part 5: Requirements (EN 12309-5:2014)

HRN EN 12309-6:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 6. dio:
Proračun sezonskih značajka (EN 12309-6:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW –
Part 6: Calculation of seasonal performances (EN 12309-6:2014)

HRN EN 12309-7:2015 en pr

Plinski sorpcijski uređaji za grijanje i/ili hlađenje s nazivnim toplinskim opterećenjem do 70 kW – 7. dio:
Posebne upute za hibridne uređaje (EN 12309-7:2014)

Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW –
Part 7: Specific provisions for hybrid appliances (EN 12309-7:2014)

HZN/TO 503, *Metalni materijali*

HRN EN 851:2015 en pr

Aluminij i aluminijeve legure – Rondele i materijal za rondele za proizvodnju kuhinjskog posuđa –
Specifikacije (EN 851:2014)

Aluminium and aluminium alloys – Circle and circle stock for the production of culinary utensils –
Specifications (EN 851:2014)

HRN EN 941:2015 en pr

Aluminij i aluminijeve legure – Rondele i materijal za rondele za proizvode opće namjene –
Specifikacije (EN 941:2014)

Aluminium and aluminium alloys – Circle and circle stock for the production of general applications –
Specifications (EN 941:2014)

HRN EN ISO 6149-4:2015 en pr

Priključci za hidraulične tekućine za prijenos snage i opću namjenu – Otvori i čepovi s ISO 261
metričkim navojima i brtvljenjem pomoću O-prstena – 4. dio: Dimenzije, konstrukcija, metode
ispitivanja i zahtjevi za vanjske i unutrašnje šesterokutne čepove (ISO 6149-4:2006;
EN ISO 6149-4:2014)

Connections for fluid power and general use – Ports and stud ends with ISO 261 metric threads and
O-ring sealing – Part 4: Dimensions, design, test methods and requirements for external hex and
internal hex port plugs (ISO 6149-4:2006; EN ISO 6149-4:2014)

HRN EN 10088-1:2015 en pr

Nehrđajući čelici – 1. dio: Popis nehrđajućih čelika (EN 10088-1:2014)
Stainless steels – Part 1: List of stainless steels (EN 10088-1:2014)

HRN EN 10088-2:2015 en pr

Nehrđajući čelici – 2. dio: Tehnički uvjeti isporuke za limove/ploče i trake od korozijski postojanih čelika za opće namjene (EN 10088-2:2014)

Stainless steels – Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes (EN 10088-2:2014)

HRN EN 10088-3:2015 en pr

Nehrđajući čelici – 3. dio: Tehnički uvjeti isporuke za poluproizvode, šipke, valjanu žicu, vučenu žicu, profile i svijetlo vučene proizvode od korozijski postojanih čelika za opće namjene (EN 10088-3:2014)

Stainless steels – Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes (EN 10088-3:2014)

HRN EN 15063-1:2015 en pr

Bakar i legure bakra – Određivanje glavnih konstituenata i nečistoća disperzivnom rendgenskom fluorescentnom spektrometrijom (XRF) – 1. dio: Smjernice za rutinsku metodu (EN 15063-1:2014)

Copper and copper alloys – Determination of main constituents and impurities by wavelength dispersive X-ray fluorescence spectrometry (XRF) – Part 1: Guidelines to the routine method (EN 15063-1:2014)

HRN EN 15703-2:2015 en pr

Bakar i legure bakra – Određivanje sadržaja mangana – 2. dio: Metoda plamene atomske apsorpcijske spektrometrije (FAAS) (EN 15703-2:2014)

Copper and copper alloys – Determination of manganese content – Part 2: Flame atomic absorption spectrometric method (FAAS) (EN 15703-2:2014)

HRN EN ISO 16808:2015 en pr

Metalni materijali – Lim i traka – Određivanje krivulje dvoosnog naprezanja ispitivanjem dubokim izvlačenjem s optičkim mjernim sustavima (ISO 16808:2014; EN ISO 16808:2014)

Metallic materials – Sheet and strip – Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems (ISO 16808:2014; EN ISO 16808:2014)

HZN/TO 504, Korozija i zaštita metala i legura**HRN EN ISO 7441:2015 en pr**

Korozija metala i legura – Određivanje bimetalne korozije korozijskim ispitivanjima u atmosferskim uvjetima (ISO 7441:2015; EN ISO 7441:2015)

Corrosion of metals and alloys – Determination of bimetallic corrosion in atmospheric exposure corrosion tests (ISO 7441:2015; EN ISO 7441:2015)

HRN EN ISO 7539-10:2015 en pr

Korozija metala i legura – Ispitivanje korozije uz naprezanje – 10. dio: Povratna metoda U-savijanja (ISO 7539-10:2013; EN ISO 7539-10:2014)

Corrosion of metals and alloys – Stress corrosion testing – Part 10: Reverse U-bend method (ISO 7539-10:2013; EN ISO 7539-10:2014)

HRN EN ISO 7539-11:2015 en pr

Korozija metala i legura – Ispitivanje korozije uz naprezanje – 11. dio: Smjernice za ispitivanje otpornosti metala i legura na vodikovu krvkost i raspucavanje potpomognuto vodikom (ISO 7539-11:2013; EN ISO 7539-11:2014)

Corrosion of metals and alloys – Stress corrosion testing – Part 11: Guidelines for testing the resistance of metals and alloys to hydrogen embrittlement and hydrogen-assisted cracking (ISO 7539-11:2013; EN ISO 7539-11:2014)

HZN/TO 505, Prijenos i distribucija plina

HR CEN/TR 13737-2:2015 en pr

Plinska infrastruktura – Uputa za primjenu funkcionalnih norma koje je pripremio CEN/TC 234 – 2. dio:
Nacionalni dio povezan sa normama CEN/TC 234 (CEN/TR 13737-2:2014)
Gas infrastructure – Implementation Guide for Functional Standards prepared by CEN/TC 234 –
Part 2: National Pages related to CEN/TC 234 standards (CEN/TR 13737-2:2014)

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

HRN EN ISO 12736:2015 en pr

Industrija nafte i prirodnoga plina – Mokre termičke izolacijske prevlake za cjevovode, protočne vodove, opremu i podmorske strukture (ISO 12736:2014; EN ISO 12736:2014)
Petroleum and natural gas industries – Wet thermal insulation coatings for pipelines, flow lines, equipment and subsea structures (ISO 12736:2014; EN ISO 12736:2014)

HRN EN ISO 19901-3:2015 en pr

Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 3. dio: Konstrukcije na platformi (ISO 19901-3:2014; EN ISO 19901-3:2014)
Petroleum and natural gas industries – Specific requirements for offshore structures – Part 3: Topsides structure (ISO 19901-3:2014; EN ISO 19901-3:2014)

HZN/TO 508, Ambalaža i pakiranje

HRN EN 16679:2015 en pr

Ambalaža – Značajke pakiranja lijekova koje omogućuju provjeru eventualnog neovlaštenog otvaranja (EN 16679:2014)
Packaging – Tamper verification features for medicinal product packaging (EN 16679:2014)

HRN ISO 18333:2015 en pr

Palete za rukovanje materijalima – Kvaliteta novih drvenih dijelova za plošne palete (ISO 18333:2014)
Pallets for materials handling – Quality of new wooden components for flat pallets (ISO 18333:2014)

HZN/TO 509, Cestovna oprema

HRN EN 12966:2015 en pr

Vertikalna prometna signalizacija – Promjenjivi prometni znakovi (EN 12966:2014)
Road vertical signs – Variable message traffic signs (EN 12966:2014)

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 4375:2015 en pr

Hidrometrija – Žičare koje se upotrebljavaju prilikom mjerjenja protoka na vodotocima (ISO 4375:2014; EN ISO 4375:2014)
Hydrometry – Cableway systems for stream gauging (ISO 4375:2014; EN ISO 4375:2014)

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 12929-1:2015 en pr

Sigurnosni zahtjevi za žičare za prijevoz osoba – Opći zahtjevi – 1. dio: Zahtjevi za sva postrojenja (EN 12929-1:2015)
Safety requirements for cableway installations designed to carry persons – General requirements – Part 1: Requirements for all installations (EN 12929-1:2015)

HRN EN 12929-2:2015 en pr

Sigurnosni zahtjevi za žičare za prijevoz osoba – Opći zahtjevi – 2. dio: Dodatni zahtjevi za dvoužne žičare s višečim kabinama bez kočnice na nosivome užetu (EN 12929-2:2015)
Safety requirements for cableway installations designed to carry persons – General requirements – Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes (EN 12929-2:2015)

HRN EN 12930:2015 en pr

Sigurnosni zahtjevi za žičare za prijevoz osoba – Proračun (EN 12930:2015)
Safety requirements for cableway installations designed to carry persons – Calculations (EN 12930:2015)

HRN EN 13243:2015 en pr

Sigurnosni zahtjevi za žičare za prijevoz osoba – Električna oprema koja nije namijenjena za sustave vožnje (EN 13243:2015)
Safety requirements for cableway installations designed to carry persons – Electrical equipment other than for drive systems (EN 13243:2015)

HZN/TO 517, Posebne vrste konstrukcija**HRN EN 1263-1:2015 en pr**

Privremena radna oprema – Zaštitne mreže – 1. dio: Sigurnosni zahtjevi, metode ispitivanja (EN 1263-1:2014)
Temporary works equipment – Safety nets – Part 1: Safety requirements, test methods (EN 1263-1:2014)

HRN EN 1263-2:2015 en pr

Privremena radna oprema – Zaštitne mreže – 2. dio: Sigurnosni zahtjevi za postavljenje zaštitnih mreža (EN 1263-2:2014)
Temporary works equipment – Safety nets – Part 2: Safety requirements for the positioning limits (EN 1263-2:2014)

HZN/TO 518, Podovi, stropovi i zidne obloge**HRN EN 13892-3:2015 en pr**

Metode ispitivanja za materijale za in situ podove (estrihe) – 3. dio: Određivanje otpornosti na habanje-Böhme (EN 13892-3:2014)
Methods of test for screed materials – Part 3: Determination of wear resistance – Böhme (EN 13892-3:2014)

HRN EN 14190:2015 en pr

Dodatno obrađene gipsane ploče – Definicije, zahtjevi i metode ispitivanja (EN 14190:2014)
Gypsum board products from reprocessing – Definitions, requirements and test methods (EN 14190:2014)

HRN EN 14195:2015 en pr

Metalni profili potkonstrukcija za sustave s gipsanim pločama – Definicije, zahtjevi i metode ispitivanja (EN 14195:2014)
Metal framing components for gypsum board systems – Definitions, requirements and test methods (EN 14195:2014)

HZN/TO 519, Adhezivi**HRN EN 15307:2015 en pr**

Adhezivi za kožu i materijale za obuću – Spajanje đon-gornjište – Zahtjevi za minimalnu čvrstoću (EN 15307:2014)
Adhesives for leather and footwear materials – Sole-upper bonds – Minimum strength requirements (EN 15307:2014)

HZN/TO 521, Usluge održavanja

HRN EN 16646:2015 en pr

Održavanje – Održavanje u sklopu upravljanja fizičkom imovinom (EN 16646:2014)
Maintenance – Maintenance within physical asset management (EN 16646:2014)

HZN/TO 525, Hidroizolacijski materijali i proizvodi za pokrivanje krovova

HRN EN 1013:2015 en pr

Prozirne jednoslojne profilirane plastične trake za unutrašnje i vanjske krovove, zidove i stropove – Zahtjevi i metode ispitivanja (EN 1013:2012+A1:2014)
Light transmitting single skin profile plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods (EN 1013:2012+A1:2014)

HRN EN 15814:2015 en pr

Polimerom modificirani bitumenski debeloslojni premazi za hidroizolaciju – Definicije i zahtjevi (EN 15814:2011+A2:2014)
Polymer modified bituminous thick coatings for waterproofing – Definitions and requirements (EN 15814:2011+A2:2014)

HZN/TO 528, Oprema za željeznice

HRN EN 12561-3:2011/Ispri.1:2015 en pr

Željeznički sustav – Vagoni cisterne – 3. dio: Uređaji za donje punjenje i pražnjenje za ukapljene plinove pod tlakom (EN 12561-3:2011/AC:2014)
Railway applications – Tank wagons – Part 3: Bottom filling and emptying devices for gases liquefied under pressure (EN 12561-3:2011/AC:2014)

HRN EN 12663-1:2015 en pr

Željeznički sustav – Konstrukcijski zahtjevi za sanduk željezničkih vozila – 1. dio: Lokomotive i putnička željeznička vozila (i alternativna metoda za teretne vagone) (EN 12663-1:2010+A1:2014)
Railway applications – Structural requirements of railway vehicle bodies – Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons) (EN 12663-1:2010+A1:2014)

HRN EN 16185-1:2015 en pr

Željeznički sustav – Kočni sustavi višedijelnih vlakova – 1. dio: Zahtjevi i definicije (EN 16185-1:2014)
Railway applications – Braking systems of multiple unit trains – Part 1: Requirements and definitions (EN 16185-1:2014)

HRN EN 16185-2:2015 en pr

Željeznički sustav – Kočni sustavi višedijelnih vlakova – 2. dio: Metode ispitivanja (EN 16185-2:2014)
Railway applications – Braking systems of multiple unit trains – Part 2: Test methods (EN 16185-2:2014)

HRN EN 16186-1:2015 en pr

Željeznički sustav – Upravljačnica – 1. dio: Antropometrijski podaci i vidljivost (EN 16186-1:2014)
Railway applications – Driver's cab – Part 1: Anthropometric data and visibility (EN 16186-1:2014)

HRN EN 16273:2015 en pr

Željeznički sustav – Željeznički gornji ustroj – Kovane prijelazne tračnice (EN 16273:2014)
Railway applications – Track – Forged rail transitions (EN 16273:2014)

HZN/TO 529, Granici, dizalice i prenosila neprekidne dobave

HRN ISO 7752-1:2014/A1:2015 en pr

Granici – Rasporед upravljačkih elemenata i karakteristike – 1. dio: Opća načela (ISO 7752-1:2010/Amd 1:2012)
Cranes – Control layout and characteristics – Part 1: General principles (ISO 7752-1:2010/Amd 1:2012)

HN/T 531, Plastika i guma

HRN EN ISO 18064:2015 en pr

Plastomerni elastomeri – Nomenklatura i skraćeni nazivi (ISO 18064:2014; EN ISO 18064:2014)

Thermoplastic elastomers – Nomenclature and abbreviated terms (ISO 18064:2014;

EN ISO 18064:2014)

HN/T 532, Dimnjaci

HRN EN 14471:2015 en pr

Dimnjaci – Sustavi dimnjaka s plastičnim dimovodnim cijevima – Zahtjevi i metode ispitivanja
(EN 14471:2013+A1:2015)

Chimneys – System chimneys with plastic flue liners – Requirements and test methods

(EN 14471:2013+A1:2015)

HN/T 534, Spremnici za teret

HRN EN 15207:2015 en pr

Spremnici za prijevoz opasnih tvari – Priključak utikač/utičnica i električke značajke za pomoćnu opremu za ugrožene prostore s nazivnim naponom 24 V (EN 15207:2014)

Tanks for the transport of dangerous goods – Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage (EN 15207:2014)

HRN EN 15208:2015 en pr

Spremnici za prijevoz opasnih tvari – Sustavi isporuke plombiranjem – Načela rada i specifikacije sučelja (EN 15208:2014)

Tanks for transport of dangerous goods – Sealed parcel delivery systems – Working principles and interface specifications (EN 15208:2014)

HRN EN 16522:2015 en pr

Spremnici za prijevoz opasnih tvari – Pomoćna oprema za spremnike – Zadržaći plamena za dišne uređaje (EN 16522:2014)

Tanks for transport of dangerous goods – Service equipment for tanks – Flame arresters for breather devices (EN 16522:2014)

HN/T 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

HRN EN ISO 2692:2015 en pr

Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Zahtjev za najviše materijala (MMR), zahtjev za najmanje materijala (LMR) i zahtjev uzajamnosti (RPR) (ISO 2692:2014; EN ISO 2692:2014)

Geometrical product specifications (GPS) – Geometrical tolerancing – Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO 2692:2014; EN ISO 2692:2014)

HRN EN ISO 10628-1:2015 en pr

Sheme za kemijsku i petrokemijsku industriju – 1. dio: Specifikacije shema (ISO 10628-1:2014; EN ISO 10628-1:2015)

Diagrams for the chemical and petrochemical industry – Part 1: Specification of diagrams (ISO 10628-1:2014; EN ISO 10628-1:2015)

HRN EN ISO 14638:2015 en pr

Geometrijske specifikacije proizvoda (GSP) – Matrični model (ISO 14638:2015; EN ISO 14638:2015)

Geometrical product specifications (GPS) – Matrix model (ISO 14638:2015; EN ISO 14638:2015)

HZN/TO 541, Sustavi grijanja, ventilacija i klimatizacije u građevinama

HRN EN 13141-6:2015 en pr

Ventilacija u zgradama – Ispitivanje značajka dijelova/proizvoda za ventilaciju stambenih zgrada – 6. dio: Skupni uredaji za odsisnu ventilaciju u obiteljskim kućama (EN 13141-6:2014)

Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 6: Exhaust ventilation system packages used in a single dwelling (EN 13141-6:2014)

HRN EN 14908-6:2015 en pr

Otvorena podatkovna komunikacija za automatizaciju, regulaciju i upravljanje u zgradarstvu – Protokol za mrežno upravljanje – 6. dio: Elementi aplikacije (EN 14908-6:2014)

Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 6: Application elements (EN 14908-6:2014)

HRN EN 15632-1:2015 en pr

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 1. dio: Razredba, opći zahtjevi i metode ispitivanja (EN 15632-1:2009+A1:2014)

District heating pipes – Pre-insulated flexible pipe systems – Part 1: Classification, general requirements and test methods (EN 15632-1:2009+A1:2014)

HRN EN 15632-2:2015 en pr

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 2. dio: Predizolirane plastične cijevi – Zahtjevi i metode ispitivanja (EN 15632-2:2010+A1:2014)

District heating pipes – Pre-insulated flexible pipe systems – Part 2: Bonded plastic service pipes – Requirements and test methods (EN 15632-2:2010+A1:2014)

HRN EN 15632-3:2015 en pr

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 3. dio: Nespojeni sustav s plastičnim cijevima, zahtjevi i metode ispitivanja (EN 15632-3:2010+A1:2014)

District heating pipes – Pre-insulated flexible pipe systems – Part 3: Non bonded system with plastic service pipes, requirements and test methods (EN 15632-3:2010+A1:2014)

HRN EN 16644:2015 en pr

Pumpe – Rotacijske pumpe – Cirkulacijske pumpe nazivne snage do 200 W za sustave grijanja i pripreme potrošne tople vode – Ispitno pravilo (vibroakustika) za mjerjenje buke pumpe i buke kapljevine (EN 16644:2014)

Pumps – Rotodynamic pumps – Glandless circulators having a rated power input not exceeding 200 W for heating installations and domestic hot water installations – Noise test code (vibro-acoustics) for measuring structure- and fluid-borne noise (EN 16644:2014)

HZN/TO 544, Strojni elementi

HRN EN ISO 10683:2015 en pr

Spojni elementi – Neelektrolitički nanesene cinčane prevlake (ISO 10683:2014; EN ISO 10683:2014)

Fasteners – Non-electrolytically applied zinc flake coatings (ISO 10683:2014; EN ISO 10683:2014)

HZN/TO 546, Očuvanje kulturne baštine

HRN EN 16581:2015 en pr

Zaštita kulturne baštine – Površinska zaštita poroznih anorganskih materijala – Laboratorijske metode za vrednovanje svojstava vodoodbojnih proizvoda (EN 16581:2014)

Conservation of Cultural Heritage – Surface protection for porous inorganic materials – Laboratory test methods for the evaluation of the performance of water repellent products (EN 16581:2014)

HN/T 549, Svjetlo i rasvjeta

HR CEN/TR 13201-1:2015 en pr

Cestovna rasvjeta – 1. dio: Smjernice za odabir razreda rasvjete (CEN/TR 13201-1:2014)
Road lighting – Part 1: Guidelines on selection of lighting classes (CEN/TR 13201-1:2014)

HN/T 550, Opskrba vodom

HRN EN 15768:2015 en pr

Utjecaj materijala na vodu namijenjenu ljudskoj potrošnji – GC-MS identifikacija organskih tvari isperivih u vodi (EN 15768:2015)
Influence of materials on water intended for human consumption – GC-MS identification of water leachable organic substances (EN 15768:2015)

HN/T 554, Obrada otpadnih voda

HRN EN 1253-1:2015 en pr

Ovdovi za zgrade – 1. dio: Slivnik s taložnicom i sifonom s vodenim stupcem najmanje visine od 50 mm (EN 1253-1:2015)
Gullies for buildings – Part 1: Trapped floor gullies with a depth water seal of at least 50 mm (EN 1253-1:2015)

HRN EN 1253-2:2015 en pr

Ovdovi za zgrade – 2. dio: Krovni odvodi i podni slivnici bez taložnica (EN 1253-2:2015)
Gullies for buildings – Part 2: Roof drains and floor gullies without trap (EN 1253-2:2015)

HN/T 555, Medicinski proizvodi

HRN EN ISO 11135:2015 en pr

Sterilizacija proizvoda za zdravstvenu skrb – Etilenoksid – Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu sterilizacije medicinskih proizvoda (ISO 11135:2014; EN ISO 11135:2014)
Sterilization of health-care products – Ethylene oxide – Requirements for the development, validation and routine control of a sterilization process for medical devices (ISO 11135:2014; EN ISO 11135:2014)

HRN EN ISO 11140-1:2015 en pr

Sterilizacija medicinskih proizvoda – Kemijski indikatori – 1. dio: Opći zahtjevi (ISO 11140-1:2014; EN ISO 11140-1:2014)
Sterilization of health care products – Chemical indicators – Part 1: General requirements (ISO 11140-1:2014; EN ISO 11140-1:2014)

HRN EN ISO 11607-1:2010/A1:2015 en pr

Ambalaža za završno sterilizirane medicinske proizvode – 1. dio: Zahtjevi za materijale, sustave sterilne obloge i sustave ambalaže (ISO 11607-1:2006/Amd 1:2014; EN ISO 11607-1:2009/A1:2014)
Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems (ISO 11607-1:2006/Amd 1:2014; EN ISO 11607-1:2009/A1:2014)

HRN EN ISO 11607-2:2008/A1:2015 en pr

Ambalaža za završno sterilizirane medicinske proizvode – 2. dio: Vrednovanje zahtjeva za oblikovanje, lijepljenje i postupke sastavljanja (ISO 11607-2:2006/Amd 1:2014; EN ISO 11607-2:2006/A1:2014)
Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes (ISO 11607-2:2006/Amd 1:2014; EN ISO 11607-2:2006/A1:2014)

HRN EN 13060:2015 en pr

Mali sterilizatori na paru (EN 13060:2014)
Small steam sterilizers (EN 13060:2014)

HRN EN ISO 15883-1:2010/A1:2015 en pr
Uređaji za pranje i dezinfekciju – 1. dio: Opći zahtjevi, nazivi, definicije i ispitivanja
(ISO 15883-1:2006/Amd 1:2014; EN ISO 15883-1:2009/A1:2014)
Washer-disinfectors – Part 1: General requirements, terms and definitions and tests
(ISO 15883-1:2006/Amd 1:2014; EN ISO 15883-1:2009/A1:2014)

HZN/TO 556, Osobna zaštitna oprema

HRN EN 16471:2015 en pr
Vatrogasne kacige – Kacige za gašenje požara otvorenog prostora (EN 16471:2014)
Firefighters helmets – Helmets for wildland fire fighting (EN 16471:2014)

HRN EN 16473:2015 en pr
Vatrogasne kacige – Kacige za tehničko spašavanje (EN 16473:2014)
Firefighters helmets – Helmets for technical rescue (EN 16473:2014)

HZN/TO 557, Zaštitna odjeća

HRN EN 374-2:2015 en pr
Rukavice za zaštitu od opasnih kemikalija i mikroorganizama – 2. dio: Određivanje otpornosti na propuštanje (EN 374-2:2014)
Protective gloves against dangerous chemicals and micro-organisms – Part 2: Determination of resistance to penetration (EN 374-2:2014)

HRN EN 13138-2:2015 en pr
Plutajuća pomagala za poduku plivanja – 2. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća pomagala koja se pridržavaju (EN 13138-2:2014)
Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held (EN 13138-2:2014)

HRN EN 13138-3:2015 en pr
Plutajuća pomagala za poduku plivanja – 3. dio: Sigurnosni zahtjevi i metode ispitivanja za kolotove sa sjedalom za plivanje koja se oblače (EN 13138-3:2014)
Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn (EN 13138-3:2014)

HZN/TO 560, Tekstilni proizvodi

HRN EN 14682:2015 en pr
Sigurnost dječje odjeće – Gajtani i vezice na dječjoj odjeći – Specifikacije (EN 14682:2014)
Safety of children's clothing – Cords and drawstrings on children's clothing – Specifications (EN 14682:2014)

HRI CEN/TR 16792:2015 en pr
Sigurnost dječje odjeće – Preporuke za dizajniranje i proizvodnju dječje odjeće – Mehanička sigurnost (CEN/TR 16792:2014)
Safety of children's clothing – Recommendations for the design and manufacture of children's clothing – Mechanical safety (CEN/TR 16792:2014)

HZN/TO 561, Kotlovi, posude pod tlakom, cjevovodi i plinske boce

HRN EN 764-4:2015 en pr
Tlačna oprema – 4. dio: Utvrđivanje tehničkih uvjeta isporuke metalnih materijala (EN 764-4:2014)
Pressure equipment – Part 4: Establishment of technical delivery conditions for metallic materials (EN 764-4:2014)

HRN EN 764-5:2015 en pr

Tlačna oprema – 5. dio: Dokumentacija o pregledu metalnih materijala i usklađenost sa specifikacijom materijala (EN 764-5:2014)

Pressure equipment – Part 5: Inspection documentation of metallic materials and compliance with the material specification (EN 764-5:2014)

HRN EN 13175:2015 en pr

Oprema i pribor za UNP – Specifikacija i ispitivanje ventila i spojnica tlačnih posuda za ukapljeni naftni plin (UNP) (EN 13175:2014)

LPG Equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings (EN 13175:2014)

HRN EN 14140:2015 en pr

Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za UNP – Alternativna mogućnost projektiranja i izrade (EN 14140:2014)

LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Alternative design and construction (EN 14140:2014)

HNZ/TO 562, Alatni strojevi i alati**HRN EN 1417:2015 en pr**

Strojevi za gumu i plastiku – Dvovaljčana glodala – Sigurnosni zahtjevi (EN 1417:2014)
Plastics and rubber machines – Two-roll mills – Safety requirements (EN 1417:2014)

HRN EN ISO 23125:2015 en pr

Alatni strojevi – Sigurnost – Tokarilice (ISO 23125:2015; EN ISO 23125:2015)
Machine tools – Safety – Turning machines (ISO 23125:2015; EN ISO 23125:2015)

HNZ/TO 563, Sigurnost strojeva**HRN EN 454:2015 en pr**

Strojevi za preradu hrane – Planetarne miješalice – Sigurnosni i higijenski zahtjevi (EN 454:2014)
Food processing machinery – Planetary mixers – Safety and hygiene requirements (EN 454:2014)

HRN EN 12041:2015 en pr

Strojevi za preradu hrane – Strojevi za oblikovanje – Sigurnosni i higijenski zahtjevi (EN 12041:2014)
Food processing machinery – Moulders – Safety and hygiene requirements (EN 12041:2014)

HRN EN 12043:2015 en pr

Strojevi za preradu hrane – Komore za fermentaciju tijesta – Sigurnosni i higijenski zahtjevi (EN 12043:2014)

Food processing machinery – Intermediate provers – Safety and hygiene requirements (EN 12043:2014)

HRN EN 12268:2015 en pr

Strojevi za preradu hrane – Strojevi s tračnim pilama – Sigurnosni i higijenski zahtjevi (EN 12268:2014)

Food processing machinery – Band saw machines – Safety and hygiene requirements (EN 12268:2014)

HRN EN 12463:2015 en pr

Strojevi za preradu hrane – Strojevi za punjenje i pomoći strojevi – Sigurnosni i higijenski zahtjevi (EN 12463:2014)

Food processing machinery – Filling machines and auxiliary machines – Safety and hygiene requirements (EN 12463:2014)

HRN EN 13871:2015 en pr

Strojevi za preradu hrane – Strojevi za rezanje na kocke – Sigurnosni i higijenski zahtjevi (EN 13871:2014)
Food processing machinery – Cubes cutting machinery – Safety and hygiene requirements
(EN 13871:2014)

HRN EN 15180:2015 en pr

Strojevi za preradu hrane – Uredaji za doziranje hrane – Sigurnosni i higijenski zahtjevi (EN 15180:2014)
Food processing machinery – Food depositors – Safety and hygiene requirements (EN 15180:2014)

HRN EN 15467:2015 en pr

Strojevi za preradu hrane – Strojevi za skidanje glave i filetiranje ribe – Sigurnosni i higijenski zahtjevi
(EN 15467:2014)
Food processing machinery – Fish heading and filleting machines – Safety and hygiene requirements
(EN 15467:2014)

HZN/TO 564, Uljarice, biljna i životinjska ulja i masti**HRN EN ISO 12966-1:2015 en pr**

Životinjske i biljne masti i ulja – Određivanje metilnih estera masnih kiselina plinskom kromatografijom – 1. dio: Smjernice za suvremenu plinsku kromatografiju metilnih estera masnih kiselina (ISO 12966-1:2014; EN ISO 12966-1:2014)
Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 1: Guidelines on modern gas chromatography of fatty acid methyl esters (ISO 12966-1:2014; EN ISO 12966-1:2014)

HZN/TO 571, Sport, igrališta i ostali rekreativski sadržaji i oprema**HRN EN 564:2015 en pr**

Planinarska oprema – Pomoćna užad – Sigurnosni zahtjevi i metode ispitivanja (EN 564:2014)
Mountaineering equipment – Accessory cord – Safety requirements and test methods (EN 564:2014)

HRN EN 1176-11:2015 en pr

Oprema za igrališta i igrališna površina – 11. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za prostorne mreže (EN 1176-11:2014)
Playground equipment and surfacing – Part 11: Additional specific safety requirements and test methods for spatial network (EN 1176-11:2014)

HRN EN 1271:2015 en pr

Oprema za sportska igrališta – Odbojkaška oprema – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1271:2014)
Playing field equipment – Volleyball equipment – Functional and safety requirements, test methods (EN 1271:2014)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom**HRS CLC/TS 50549-1:2015 en pr**

Zahtjevi za priključak elektrane na distribucijski sustav – 1. dio: Priključak na niskonaponski distribucijski sustav nazivne struje iznad 16A (CLC/TS 50549-1:2015)
Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV distribution network above 16 A (CLC/TS 50549-1:2015)

HRS CLC/TS 50549-2:2015 en pr

Zahtjevi za priključak elektrane na distribucijski sustav – 2. dio: Priključak na srednjonaponski distribucijski sustav (CLC/TS 50549-2:2015)
Requirements for generating plants to be connected in parallel with distribution networks – Part 2: Connection to a MV distribution network (CLC/TS 50549-2:2015)

HN/T0 E9, Električna oprema za željeznicu

HRN EN 50123-6:2007/A1:2015 en pr

Željeznički sustav – Stabilna postrojenja – Istosmjerna rasklopna postrojenja – 6. dio: Sklopovi istosmjernih rasklopnih postrojenja (EN 50123-6:2003/A1:2014)

Railway applications – Fixed installations – D.C. switchgear – Part 6: D.C. switchgear assemblies (EN 50123-6:2003/A1:2014)

HN/T0 E10, Fluidi za primjenu u elektrotehnici

HRN EN 62701:2015 en pr

Tekućine za primjenu u elektrotehnici – Reciklirana mineralna izolacijska ulja za transformatore i prekidače (IEC 62701:2014; EN 62701:2014)

Fluids for electrotechnical applications – Recycled mineral insulating oils for transformers and switchgears (IEC 62701:2014; EN 62701:2014)

HN/T0 E13, Oprema za mjerjenje električne energije te upravljanje tarifom i potrošnjom

HRN EN 62053-24:2015 en pr

Električna brojila za izmjeničnu struju – Posebni zahtjevi – 24. dio: Staticka brojila jalove energije osnovne frekvencije (razreda 0,5 S, 1S i 1) (IEC 62053-24:2014; EN 62053-24:2015)

Electricity metering equipment (a.c.) – Particular requirements – Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1S and 1) (IEC 62053-24:2014; EN 62053-24:2015)

HN/T0 E14, Energetski transformatori

HRN EN 50216-4:2015 en pr

Oprema za energetske transformatore i prigušnice – 4. dio: Osnovni pribor (priključak za uzemljenje, uređaji za punjenje i odzračivanje, džep za termometar, kotači) (EN 50216-4:2015)

Power transformer and reactor fittings – Part 4: Basic accessories (earthing terminal, drain and filling devices, thermometer pocket, wheel assembly) (EN 50216-4:2015)

HN/T0 E15, Čvrsti elektrotehnički izolacijski materijali

HRN EN 60684-3-284:2015 en pr

Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 284. list: Toplinski skupljajuće navlake za primjene na uljnim barijerama (IEC 60684-3-284:2014; EN 60684-3-284:2014)

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 284: Heat-shrinkable, sleeves, for oil barrier applications (IEC 60684-3-284:2014; EN 60684-3-284:2014)

HRN EN 60684-3-285:2015 en pr

Savitljive izolacijske navlake – 3. dio: Specifikacije za pojedinačne tipove navlaka – 285. list: Toplinski skupljajuće poliolefinske navlake za srednjonaponsku zajedničku izolaciju (IEC 60684-3-285:2014; EN 60684-3-285:2014)

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation (IEC 60684-3-285:2014; EN 60684-3-285:2014)

HN/T0 E17, Sklopni i upravljački uređaji

HRN EN 60947-1:2009/A2:2015 en pr

Niskonaponska sklopna aparatura – 1. dio: Opća pravila (IEC 60947-1:2007/A2:2014; EN 60947-1:2007/A2:2014)

Low-voltage switchgear and controlgear – Part 1: General rules (IEC 60947-1:2007/A2:2014;

EN 60947-1:2007/A2:2014)

HRN EN 61439-5:2015 en pr

Niskonaponski sklopni blokovi – 5. dio: Blokovi za distribuciju u javnim mrežama (IEC 61439-5:2014; EN 61439-5:2015)

Low-voltage switchgear and controlgear assemblies – Part 5: Assemblies for power distribution in public networks (IEC 61439-5:2014; EN 61439-5:2015)

HN/T TO E20, Električni kabeli**HRN EN 50618:2015 en pr**

Električni kabeli za fotonaponske sustave (EN 50618:2014)

Electric cables for photovoltaic systems (EN 50618:2014)

HN/T TO E22, Energetska elektronika**HRN EN 50598-1:2015 en pr**

Ekološko projektiranje za elektromotorne sustave, motorske pokretače, energetsku elektroniku i opremu koju pogone – 1. dio: Opći zahtjevi za postavljanje norma energetske djelotvornosti za pogonsku opremu pristupajući proširenom proizvodu (EPA) i upotrebljavajući polu-analitički model (SAM) (EN 50598-1:2014)

Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Part 1: General requirements for setting energy efficiency standards for power driven equipment using the extended product approach (EPA), and semi analytic model (SAM) (EN 50598-1:2014)

HRN EN 50598-2:2015 en pr

Ekološko projektiranje za elektromotorne sustave, motorske pokretače, energetsku elektroniku i opremu koju pogone – 2. dio: Pokazatelji energetske djelotvornosti za elektromotorne sustave i motorske pokretače (EN 50598-2:2014)

Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Part 2: Energy efficiency indicators for power drive systems and motor starters (EN 50598-2:2014)

HRN EN 62501:2010/A1:2015 en pr

Ventili za pretvarače s naponskim ulazom (VSC) za prijenos energije istosmjernom strujom visokog napona (HVDC) – Električno ispitivanje (IEC 62501:2009/am1:2014; EN 62501:2009/A1:2014)

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/am1:2014; EN 62501:2009/A1:2014)

HRN EN 62747:2015 en pr

Nazivlje za pretvarače s naponskim ulazom (VSC) za visokonaponske sustave istosmjerne struje (HVDC) (IEC 62747:2014; EN 62747:2014)

Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems (IEC 62747:2014; EN 62747:2014)

HRN EN 62751-1:2015 en pr

Gubici u ventilima pretvarača s naponskim ulazom (VSC) za visokonaponske sustave istosmjerne struje (HVDC) – 1. dio: Opći zahtjevi (IEC 62751-1:2014; EN 62751-1:2014)

Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 1: General requirements (IEC 62751-1:2014; EN 62751-1:2014)

HRN EN 62751-2:2015 en pr

Gubici u ventilima pretvarača s naponskim ulazom (VSC) za visokonaponske sustave istosmjerne struje (HVDC) – 2. dio: Modularni višerazinski pretvarači (IEC 62751-2:2014; EN 62751-2:2014)

Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 2: Modular multilevel converters (IEC 62751-2:2014; EN 62751-2:2014)

HN/T/TO E23, *Električni instalacijski pribor*

HRN EN 60320-3:2015 en pr

Aparatni utični pribor za kućanstvo i slične opće svrhe – 3. dio: Normni listovi i granična mjerila (IEC 60320-3:2014; EN 60320-3:2014)

Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges (IEC 60320-3:2014; EN 60320-3:2014)

HRN EN 62196-1:2015 en pr

Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 62196-1:2014; EN 62196-1:2014)

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (IEC 62196-1:2014; EN 62196-1:2014)

HRN EN 62196-3:2015 en pr

Utikači, utičnice i spojnice za vozila – Kontaktno punjenje električnih vozila – 3. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost spojnica za vozila sa šiljcima i kontaktnim cjevčicama namijenjenih za istosmjernu i kombinirano istosmjernu i izmjeničnu struju (IEC 62196-3:2014; EN 62196-3:2014)

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers (IEC 62196-3:2014; EN 62196-3:2014)

HN/T/TO E31, *Eksplozivne atmosfere*

HRN EN 50270:2015 en pr

Elektromagnetska kompatibilnost – Električni uređaji za otkrivanje i mjerjenje zapaljivih plinova, otrovnih plinova ili kisika (EN 50270:2015)

Electromagnetic compatibility – Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen (EN 50270:2015)

HRN EN 60079-2:2015 en pr

Eksplozivne atmosfere – 2. dio: Vrsta zaštite opreme nadtlak "p" (IEC 60079-2:2014; EN 60079-2:2014)

Explosive atmospheres – Part 2: Equipment protection by pressurized enclosure "p" (IEC 60079-2:2014; EN 60079-2:2014)

HRN EN 60079-26:2015 en pr

Eksplozivne atmosfere – 26. dio: Oprema s razinom zaštite opreme (EPL) Ga (IEC 60079-26:2014; EN 60079-26:2015)

Explosive atmospheres – Part 26: Equipment with equipment protection level (EPL) Ga (IEC 60079-26:2014; EN 60079-26:2015)

HN/T/TO E34, *Žarulje, svjetiljke i pripadna oprema*

HRN EN 60598-1:2015 en pr

Svetiljke – 1. dio: Opći zahtjevi i ispitivanja (IEC 60598-1:2014; EN 60598-1:2015)

Luminaires – Part 1: General requirements and tests (IEC 60598-1:2014; EN 60598-1:2015)

HRN EN 60598-2-20:2015 en pr

Svetiljke – Dio 2-20: Posebni zahtjevi – Svjetleći lanci (IEC 60598-2-20:2014; EN 60598-2-20:2015)

Luminaires – Part 2-20: Particular requirements – Lighting chains (IEC 60598-2-20:2014; EN 60598-2-20:2015)

HRN EN 60598-2-21:2015 en pr

Svetiljke – Dio 2-21: Posebni zahtjevi – Svjetleća užad (IEC 60598-2-21:2014; EN 60598-2-21:2015)

Luminaires – Part 2-21: Particular requirements – Rope lights (IEC 60598-2-21:2014; EN 60598-2-21:2015)

HRN EN 61195:2008/A2:2015 en pr
Fluorescentne cijevi s dva podnoška – Sigurnosni zahtjevi (IEC 61195:1999/am2:2014; EN 61195:1999/A2:2015)
Double-capped fluorescent lamps – Safety specifications (IEC 61195:1999/am2:2014; EN 61195:1999/A2:2015)

HRN EN 61199:2012/A2:2015 en pr
Fluorescentne cijevi s jednim podnoškom – Sigurnosni zahtjevi (IEC 61199:2011/am2:2014; EN 61199:2011/A2:2015)
Single-capped fluorescent lamps – Safety specifications (IEC 61199:2011/am2:2014; EN 61199:2011/A2:2015)

HRN EN 62031:2008/A2:2015 en pr
Moduli svjetlećih dioda za opću rasvjetu – Sigurnosni zahtjevi (IEC 62031:2008/am2:2014; EN 62031:2008/A2:2015)
LED modules for general lighting – Safety specifications (IEC 62031:2008/am2:2014; EN 62031:2008/A2:2015)

HRN EN 62035:2015 en pr
Žarulje s izbojem (osim fluorescentnih cijevi) – Sigurnosni zahtjevi (IEC 62035:2014, MOD; EN 62035:2014)
Discharge lamps (excluding fluorescent lamps) – Safety specifications (IEC 62035:2014, MOD; EN 62035:2014)

HZN/TO E59, Uporabne značajke električnih kućanskih aparata

HRN EN 60704-2-1:2015 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-1: Posebni zahtjevi za usisavače (IEC 60704-2-1:2014; EN 60704-2-1:2015)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-1: Particular requirements for vacuum cleaners (IEC 60704-2-1:2014; EN 60704-2-1:2015)

HRN EN 60704-2-14:2013/A11:2015 en pr
Kućanski i slični električni aparati – Ispitne odredbe za određivanje uzdušne buke – Dio 2-14: Posebni zahtjevi za hladnjake, komore za smrznutu hranu i zamrzivače (EN 60704-2-14:2013/A11:2015)
Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers (EN 60704-2-14:2013/A11:2015)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-103:2015 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-103: Posebni zahtjevi za pogon vežnih vrata, vrata i prozora (IEC 60335-2-103:2006, MOD+am1:2010, MOD; EN 60335-2-103:2015)
Household and similar electrical appliances – Safety – Part 2-103: Particular requirements for drives for gates, doors and windows (IEC 60335-2-103:2006, MOD+am1:2010, MOD; EN 60335-2-103:2015)

HRN EN 60335-2-23:2005/A2:2015 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-23: Posebni zahtjevi aparata za njegu kože ili kose (IEC 60335-2-23:2003/am2:2012; EN 60335-2-23:2003/A2:2015)
Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care (IEC 60335-2-23:2003/am2:2012; EN 60335-2-23:2003/A2:2015)

HRN EN 60335-2-30:2011/Ispri.2:2015 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija (IEC 60335-2-30:2009/Corr.1:2014; EN 60335-2-30:2009/AC:2014)
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters (IEC 60335-2-30:2009/Corr.1:2014; EN 60335-2-30:2009/AC:2014)

HRN EN 60335-2-31:2015 en pr

Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne nape i druge uređaje za izvlačenje plinova izgaranja (IEC 60335-2-31:2012; EN 60335-2-31:2014)
Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012; EN 60335-2-31:2014)

HRN EN 60335-2-32:2005/A2:2015 en pr

Kućanski i slični električni aparati – Sigurnost – Dio 2-32: Posebni zahtjevi masažne aparate (IEC 60335-2-32:2002/am2:2013; EN 60335-2-32:2003/A2:2015)
Household and similar electrical appliances – Safety – Part 2-32: Particular requirements for massage appliances (IEC 60335-2-32:2002/am2:2013; EN 60335-2-32:2003/A2:2015)

HRN EN 60335-2-76:2008/A2:2015 en pr

Kućanski i slični električni aparati – Sigurnost – Dio 2-76: Posebni zahtjevi za električne ograde (IEC 60335-2-76:2002/am2:2013; EN 60335-2-76:2005/A2:2015)
Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers (IEC 60335-2-76:2002/am2:2013; EN 60335-2-76:2005/A2:2015)

HRN EN 60335-2-95:2015 en pr

Kućanski i slični električni aparati – Sigurnost – Dio 2-95: Posebni zahtjevi pogona za okomito pomicanje garažnih vrata u domaćinstvu (IEC 60335-2-95:2011; EN 60335-2-95:2015)
Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use (IEC 60335-2-95:2011; EN 60335-2-95:2015)

HRN EN 60335-2-97:2009/A12:2015 en pr

Kućanski i slični električni aparati – Sigurnost – Dio 2-97: Posebni zahtjevi pogona za rebrenice, platnene zaslone, zaštitne zavjese i slične naprave (EN 60335-2-97:2006/A12:2015)
Household and similar electrical appliances – Safety – Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment (EN 60335-2-97:2006/A12:2015)

HRN EN 62115:2008/A12:2015 en pr

Električne igračke – Sigurnost (EN 62115:2005/A12:2015)
Electric toys – Safety (EN 62115:2005/A12:2015)

HNZ/TO E64, Električne instalacije i zaštita od električnog udara**HRN HD 60364-8-1:2015 en pr**

Niskonaponske električne instalacije – Dio 8-1: Energetska učinkovitost (IEC 60364-8-1:2014; HD 60364-8-1:2015)
Low voltage electrical installations – Part 8-1: Energy efficiency (IEC 60364-8-1:2014; HD 60364-8-1:2015)

HNZ/TO E65, Mjerenje, vođenje i automatizacija industrijskih procesa**HRN EN 61158-1:2015 en pr**

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 1. dio: Pregled i smjernice za niz norma IEC 61158 i 61784 (IEC 61158-1:2014; EN 61158-1:2014)
Industrial communication networks – Fieldbus specifications – Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series (IEC 61158-1:2014; EN 61158-1:2014)

HRN EN 61158-2:2015 en pr

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – 2. dio: Specifikacija fizičkog sloja OSI referentnog modela i definicija usluge (IEC 61158-2:2014; EN 61158-2:2014)
Industrial communication networks – Fieldbus specifications – Part 2: Physical layer specification and service definition (IEC 61158-2:2014; EN 61158-2:2014)

HRN EN 61207-6:2015 en pr

Izražavanje djelovanja plinskih analizatora – 6. dio: Fotometrijski analizatori (IEC 61207-6:2014; EN 61207-6:2015)

Expression of performance of gas analyzers – Part 6: Photometric analyzers (IEC 61207-6:2014; EN 61207-6:2015)

HRN EN 61784-1:2015 en pr

Industrijske komunikacijske mreže – Profili – 1. dio: Profili industrijske sabirnice (fieldbus) (IEC 61784-1:2014; EN 61784-1:2014)

Industrial communication networks – Profiles – Part 1: Fieldbus profiles (IEC 61784-1:2014; EN 61784-1:2014)

HRN EN 61784-2:2015 en pr

Industrijske komunikacijske mreže – Profili – 2. dio: Dodatni profili industrijske sabirnice (fieldbus) za mreže u realnom vremenu temeljene na ISO/IEC 8802-3 (IEC 61784-2:2014; EN 61784-2:2014)

Industrial communication networks – Profiles – Part 2: Additional fieldbus profiles for real-time networks based on ISO/IEC 8802-3 (IEC 61784-2:2014; EN 61784-2:2014)

HRN EN 62682:2015 en pr

Upravljanje alarmima za procesnu industriju (IEC 62682:2014; EN 62682:2015)

Management of alarms systems for the process industries (IEC 62682:2014; EN 62682:2015)

HRN EN 62734:2015 en pr

Industrijske mreže – Bežična komunikacijska mreža i komunikacijski profili – ISA 100.11a (IEC 62734:2014; EN 62734:2015)

Industrial communication networks – Wireless communication network and communication profiles – ISA 100.11a (IEC 62734:2014; EN 62734:2015)

HNZ/TO E78, Rad pod naponom

HRN EN 61481-1:2015 en pr

Rad pod naponom – Fazni komparatori – 1. dio: Kapacitivni tip za uporabu kod izmjeničnih napona viših od 1 kV (IEC 61481-1:2014; EN 61481-1:2014)

Live working – Phase comparators – Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c. (IEC 61481-1:2014; EN 61481-1:2014)

HRN EN 61482-1-2:2015 en pr

Rad pod naponom – Odjeća za zaštitu od toplinskih učinaka električnog luka – Dio 1-2: Ispitne metode – Metoda 2: Određivanje klase zaštite od električnog luka za materijale i odjeću uporabom ograničenog i usmjereno električnog luka (ispitivanje kutijom) (IEC 61482-1-2:2014; EN 61482-1-2:2014)

Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-2: Test methods – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test) (IEC 61482-1-2:2014; EN 61482-1-2:2014)

HNZ/TO E79, Alarmni sustavi

HRN EN 62676-3:2015 en pr

Sustavi video nadzora za uporabu u primjenama zaštite – 3. dio: Analogna i digitalna video sučelja (IEC 62676-3:2013; EN 62676-3:2015)

Video surveillance systems for use in security applications – Part 3: Analog and digital video interfaces (IEC 62676-3:2013; EN 62676-3:2015)

HN/T0 E85, Oprema za mjerjenje električnih i elektromagnetskih veličina

HRN EN 61557-16:2015 en pr

Električna sigurnost u niskonaponskim distribucijskim sustavima do 1 000 V izmjenične struje i 1 500 V istosmjerna struja – Oprema za ispitivanje, mjerjenje ili nadzor zaštite – 16. dio: Oprema za ispitivanje učinkovitosti zaštitnih mjera električne opreme i/ili medicinske električne opreme (IEC 61557-16:2014; EN 61557-16:2015)

Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c – Equipment for testing, measuring or monitoring of protective measures – Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment (IEC 61557-16:2014; EN 61557-16:2015)

HRN EN 62586-2:2014/Ispr.1:2015 en pr

Mjerjenje kvalitete energije u sustavima opskrbe energijom – 2. dio: Funkcionalna ispitivanja i zahtjevi nesigurnosti (IEC 62586-2:2013/Corr.1:2014; EN 62586-2:2014/AC:2014)

Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements (IEC 62586-2:2013/Corr.1:2014; EN 62586-2:2014/AC:2014)

HN/T0 E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 62110:2012/Ispr.1:2015 en pr

Razine električnih i magnetskih polja koja generiraju energetski sustavi izmjenične struje – Postupci mjerjenja s obzirom na izloženost opće populacije (IEC 62110:2009/Corr.1:2015; EN 62110:2009/AC:2015) Electric and magnetic field levels generated by AC power systems – Measurement procedures with regard to public exposure (IEC 62110:2009/Corr.1:2015; EN 62110:2009/AC:2015)

HN/T0 E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

HRN EN 50514:2015 en pr

Audio i video oprema te oprema informacijske tehnologije – Uobičajeni postupci ispitivanja električne sigurnosti u proizvodnji (EN 50514:2014)

Audio, video and information technology equipment – Routine electrical safety testing in production (EN 50514:2014)

HRN EN 60065:2015 en pr

Audio, video i slični elektronički uređaji – Sigurnosni zahtjevi (IEC 60065:2014; EN 60065:2014)

Audio, video and similar electronic apparatus – Safety requirements (IEC 60065:2014; EN 60065:2014)

HN/T0 E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 50561-1:2013/Ispr.1:2015 en pr

Uređaji za komunikaciju preko energetskih vodova koji se upotrebljavaju u niskonaponskim instalacijama – Karakteristike radio smetnji – Granice i metode mjerjenja – 1. dio: Uređaji za kućnu upotrebu (EN 50561-1:2013/AC:2015)

Power line communication apparatus used in low-voltage installations – Radio disturbance characteristics – Limits and methods of measurement – Part 1: Apparatus for in-home use (EN 50561-1:2013/AC:2015)

HRN EN 55016-1-5:2015 en pr

Specifikacija uređaja i metoda za mjerjenje radiosmetnja i otpornosti – Dio 1-5: Uređaji za mjerjenje radiosmetnja i otpornosti – Lokacije za umjeravanje antena i referentna ispitivanja za frekvencije od 5 MHz do 18 GHz (CISPR 16-1-5:2014; EN 55016-1-5:2015)

Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-5: Radio disturbance and immunity measuring apparatus – Antenna calibration sites and reference test sites for 5 MHz to 18 GHz (CISPR 16-1-5:2014; EN 55016-1-5:2015)

HRN EN 55016-1-6:2015 en pr

Specifikacija uređaja i metoda za mjerjenje radiosmetnja i otpornosti – Dio 1-6: Uređaji za mjerjenje radiosmetnja i otpornosti – EMC umjeravanje antena (CISPR 16-1-6:2014; EN 55016-1-6:2015)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-6: Radio disturbance and immunity measuring apparatus – EMC-antenna calibration (CISPR 16-1-6:2014; EN 55016-1-6:2015)

HN/T TO E501, Elektroakustika i ultrazvuk

HRN EN 60645-1:2015 en pr

Elektroakustika – Mjerila sluha – 1. dio: Mjerila sluha s čistim tonom (IEC 60645-1:2012; EN 60645-1:2015)
Electroacoustics – Audiometric equipment – Part 1: Equipment for pure-tone audiometry (IEC 60645-1:2012; EN 60645-1:2015)

HRN EN 62489-2:2015 en pr

Elektroakustika – Sustavi s induksijskim petljama kao pomoć pri slušanju u audiofrekvencijskom području – 2. dio: Metode za računanje i mjerjenje isijavanja niskofrekvenčnih magnetskih polja iz petlja radi osiguranja usklađenosti s vrijednostima iz uputa o granicama izloženosti za čovjeka (IEC 62489-2:2014; EN 62489-2:2014)

Electroacoustics – Audio-frequency induction loop systems for assisted hearing – Part 2: Methods of calculating and measuring the low-frequency magnetic field emissions from the loop for assessing conformity with guidelines on limits for human exposure (IEC 62489-2:2014; EN 62489-2:2014)

HN/T TO Z1, Informacijska tehnologija

HRN ISO/IEC 10179:2008/A2:2015 en pr

Informacijska tehnologija – Jezici za obradu – Jezik značenja i opisa stila dokumenta (DSSSL) – Amandman 2: Proširenje na više jezičje i složene stilove dokumenta (ISO/IEC 10179:1996/Amd 2:2005)
Information technology – Processing languages – Document Style Semantics and Specification Language (DSSSL) – Amendment 2: Extensions to multilingual and complicated document styles (ISO/IEC 10179:1996/Amd 2:2005)

HRN ISO/IEC 10967-1:2015 en pr

Informacijska tehnologija – Aritmetika neovisna o jeziku – 1. dio: Cjelobrojna aritmetika i aritmetika pomicnoga zareza (ISO/IEC 10967-1:2012)
Information technology – Language independent arithmetic – Part 1: Integer and floating point arithmetic (ISO/IEC 10967-1:2012)

HRN ISO/IEC 18031:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Stvaranje slučajnoga bita (ISO/IEC 18031:2011+Cor 1:2014)
Information technology – Security techniques – Random bit generation (ISO/IEC 18031:2011+Cor 1:2014)

HRN ISO/IEC 18045:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Metodologija za vrednovanje sigurnosti IT-a (ISO/IEC 18045:2008)
Information technology – Security techniques – Methodology for IT security evaluation (ISO/IEC 18045:2008)

HRN ISO/IEC 25040:2015 en pr

Sistemsko i programsko inženjerstvo – Zahtjevi na kvalitetu i vrednovanje sistema i programa – Postupak vrednovanja (ISO/IEC 25040:2011)

Systems and software engineering – Systems and software Quality Requirements and Evaluation (SQuaRE) – Evaluation process (ISO/IEC 25040:2011)

HRN ISO/IEC 26300:2008/A1:2015 en pr

Informacijska tehnologija – Otvoreni format dokumenta za uredsku primjenu (OpenDocument) v1.0 – Amandman 1: Otvoreni format dokumenta za uredsku primjenu (OpenDocument) v1.1 (ISO/IEC 26300:2006/Amd 1:2012)

Information technology – Open Document Format for Office Applications (OpenDocument) v1.0 – Amendment 1: Open Document Format for Office Applications (OpenDocument) v1.1 (ISO/IEC 26300:2006/Amd 1:2012)

HRN ISO/IEC 26300:2008/A1:2015/lspr.1:2015 en pr

Informacijska tehnologija – Otvoreni format dokumenta za uredsku primjenu (OpenDocument) v1.0 – Amandman 1: Otvoreni format dokumenta za uredsku primjenu (OpenDocument) v1.1 (ISO/IEC 26300:2006/Amd 1:2012/Cor 1:2014)

Information technology – Open Document Format for Office Applications (OpenDocument) v1.0 – Amendment 1: Open Document Format for Office Applications (OpenDocument) v1.1 (ISO/IEC 26300:2006/Amd 1:2012/Cor 1:2014)

HRN ISO/IEC/IEEE 26512:2015 en pr

Sistemsko i programsko inženjerstvo – Zahtjevi na preuzimatelje i isporučitelje korisničke dokumentacije (ISO/IEC/IEEE 26512:2011)

Systems and software engineering – Requirements for acquirers and suppliers of user documentation (ISO/IEC/IEEE 26512:2011)

HRN ISO/IEC 27002:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Kodeks postupaka za upravljanje informacijskom sigurnošću (ISO/IEC 27002:2013+Cor 1:2014)

Information technology – Security techniques – Code of practice for information security controls (ISO/IEC 27002:2013+Cor 1:2014)

HRN ISO/IEC 27005:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Upravljanje rizikom informacijske sigurnosti (ISO/IEC 27005:2011)

Information technology – Security techniques – Information security risk management (ISO/IEC 27005:2011)

HRN ISO/IEC 27033-4:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 4. dio: Osiguravanje komunikacije između mreža upotrebom sigurnosnih pristupnika (ISO/IEC 27033-4:2014)

Information technology – Security techniques – Network security – Part 4: Securing communications between networks using security gateways (ISO/IEC 27033-4:2014)

HRN ISO/IEC 27033-5:2015 en pr

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 5. dio: Osiguravanje komunikacije u mreži upotrebom virtualnih privatnih mreža (VPN-ova) (ISO/IEC 27033-5:2013)

Information technology – Security techniques – Network security – Part 5: Securing communications across networks using Virtual Private Networks (VPNs) (ISO/IEC 27033-5:2013)

HZN/TU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1**HRN EN 16489-2:2015 en pr**

Usluge profesionalnih solarija – 2. dio: Potrebna kvalifikacija i sposobljenost djelatnika u solarijima (EN 16489-2:2014)

Professional indoor UV exposure services – Part 2: Required qualification and competence of the indoor UV exposure consultant (EN 16489-2:2014)

HRN EN 16489-3:2015 en pr

Usluge profesionalnih solarija – 3. dio: Zahtjevi za pružanje usluga (EN 16489-3:2014)

Professional indoor UV exposure services – Part 3: Requirements for the provision of services (EN 16489-3:2014)

HRN EN ISO 22311:2015 en pr

Društvena sigurnost – Video nadzor – Operacije između sustava prilikom eksporta (ISO 22311:2012; EN ISO 22311:2014)

Societal security – Video-surveillance – Export interoperability (ISO 22311:2012; EN ISO 22311:2014)

HRN EN ISO 22313:2015 en pr

Društvena sigurnost – Sustav upravljanja neprekidnim poslovanjem – Upute (ISO 22313:2012; EN ISO 22313:2014)

Societal security – Business continuity management systems – Guidance (ISO 22313:2012; EN ISO 22313:2014)

HZN/TU I2, Strojarstvo 2**HRN EN 12110:2015 en pr**

Strojevi za gradnju tunela – Zračne brane – Sigurnosni zahtjevi (EN 12110:2014)

Tunnelling machines – Air locks – Safety requirements (EN 12110:2014)

HRN EN 12111:2015 en pr

Strojevi za gradnju tunela – Rovokopači i mineri s neprekidnim djelovanjem – Sigurnosni zahtjevi (EN 12111:2014)

Tunnelling machines – Road headers and continuous miners – Safety requirements (EN 12111:2014)

HRN EN 15571:2015 en pr

Strojevi i postrojenja za eksploataciju i obradu prirodnoga kamena – Sigurnost – Zahtjevi za strojeve za površinsku obradu (EN 15571:2014)

Machines and plants for mining and tooling of natural stone – Safety – Requirements for surface finishing machines (EN 15571:2014)

HRN EN 16191:2015 en pr

Strojevi za gradnju tunela – Sigurnosni zahtjevi (EN 16191:2014)

Tunnelling machinery – Safety requirements (EN 16191:2014)

HRN EN 16564:2015 en pr

Strojevi i postrojenja za eksploataciju i obradu prirodnoga kamena – Sigurnost – Zahtjevi za mosne pile/głodalice uključujući numerički upravljane alatne strojeve (NC/CNC) (EN 16564:2014)

Machines and plants for mining and tooling of natural stone – Safety – Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions (EN 16564:2014)

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1**HRN EN ISO 7199:2015 en pr**

Kardiovaskularni implantati i umjetni organi – Izmjenjivači plinova u krvi (uređaji za obogaćivanje krvi kisikom) (ISO 7199:2009+Amd 1:2012; EN ISO 7199:2014)

Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators) (ISO 7199:2009+Amd 1:2012; EN ISO 7199:2014)

HRN EN ISO 8871-5:2015 en pr

Elastomerni dijelovi za parenteralne preparate i uređaje za farmaceutsku primjenu – 5. dio: Funkcionalni zahtjevi i ispitivanja (ISO 8871-5:2005; EN ISO 8871-5:2014)

Elastomeric parts for parenterals and for devices for pharmaceutical use – Part 5: Functional requirements and testing (ISO 8871-5:2005; EN ISO 8871-5:2014)

HRN EN ISO 9680:2015 en pr

Stomatologija – Operacijska rasvjeta (ISO 9680:2014; EN ISO 9680:2014)

Dentistry – Operating lights (ISO 9680:2014; EN ISO 9680:2014)

HRN EN ISO 11070:2015 en pr

Sterilni jednokratni instrumenti za uvođenje, dilatatori i vodilice (ISO 11070:2014; EN ISO 11070:2014)
Sterile single-use intravascular introducers, dilators and guidewires (ISO 11070:2014; EN ISO 11070:2014)

HRN EN ISO 11608-1:2015 en pr

Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 1. dio: Injekcijski sustavi s iglom (ISO 11608-1:2014; EN ISO 11608-1:2015)

Needle-based injection systems for medical use – Requirements and test methods – Part 1: Needle-based injection systems (ISO 11608-1:2014; EN ISO 11608-1:2015)

HRN EN ISO 15841:2015 en pr

Stomatologija – Žice za upotrebu u ortodonciji (ISO 15841:2014; EN ISO 15841:2014)

Dentistry – Wires for use in orthodontics (ISO 15841:2014; EN ISO 15841:2014)

HRN EN 16372:2015 en pr

Estetske kirurške usluge (EN 16372:2014)

Aesthetic surgery services (EN 16372:2014)

HRN EN ISO 16443:2015 en pr

Stomatologija – Nazivlje sustava dentalnih implantata i povezanih postupaka (ISO 16443:2014; EN ISO 16443:2014)

Dentistry – Vocabulary for dental implants systems and related procedure (ISO 16443:2014; EN ISO 16443:2014)

HRN EN ISO 17730:2015 en pr

Stomatologija – Fluoridni lakovi (ISO 17730:2014; EN ISO 17730:2014)

Dentistry – Fluoride varnishes (ISO 17730:2014; EN ISO 17730:2014)

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN 16230-1:2015 en pr

Automobili za zabavu – 1. dio: Sigurnosni zahtjevi i metode ispitivanja za automobile za zabavu (EN 16230-1:2013+A1:2014)

Leisure karts – Part 1: Safety requirements and test methods for karts (EN 16230-1:2013+A1:2014)

HRN EN 16601-00-01:2015 en pr

Svemirski sustavi – Pojmovnik (EN 16601-00-01:2015)

Space systems – Glossary of terms (EN 16601-00-01:2015)

HRN EN 16601-10:2015 en pr

Upravljanje svemirskim projektom – Planiranje i provedba projekta (EN 16601-10:2015)

Space project management – Project planning and implementation (EN 16601-10:2015)

HRN EN 16602-70-08:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Ručno lemljenje električnih kontakata visoke pouzdanosti (EN 16602-70-08:2015)

Space product assurance – Manual soldering of high-reliability electrical connections (EN 16602-70-08:2015)

HRN EN 16602-70-09:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Mjerenja termooptičkih svojstava materijala za kontrolu temperature (EN 16602-70-09:2015)

Space product assurance – Measurements of thermo-optical properties of thermal control materials (EN 16602-70-09:2015)

HRN EN 16602-70-10:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Kvalifikacija tiskanih pločica (EN 16602-70-10:2015)

Space product assurance – Qualification of printed circuit boards (EN 16602-70-10:2015)

HRN EN 16602-70-11:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Nabava tiskanih pločica
(EN 16602-70-11:2015)

Space product assurance – Procurement of printed circuit boards (EN 16602-70-11:2015)

HRN EN 16602-70-13:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Mjerenje otpornosti premaza i završne obrade na guljenje i kidanje pomoću trake osjetljive na tlak (EN 16602-70-13:2015)

Space product assurance – Measurements of the peel and pull-off strength of coatings and finishes using pressure-sensitive tapes (EN 16602-70-13:2015)

HRN EN 16602-70-50:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Nadzor nad onečišćenjem česticama u čistim prostorima i sustavima svemirskih letjelica (EN 16602-70-50:2015)

Space product assurance – Particles contamination monitoring for spacecraft systems and cleanrooms (EN 16602-70-50:2015)

HRN EN 16602-70-53:2015 en pr

Osiguranje kvalitete proizvoda za upotrebu u svemiru – Ispitivanje kompatibilnosti materijala i opreme za procese sterilizacije (EN 16602-70-53:2015)

Space product assurance – Materials and hardware compatibility tests for sterilization processes (EN 16602-70-53:2015)

HRN EN 16603-10-04:2015 en pr

Svemirsko inženjerstvo – Svemirska okolina (EN 16603-10-04:2015)

Space engineering – Space environment (EN 16603-10-04:2015)

HRN EN 16603-50-53:2015 en pr

Svemirsko inženjerstvo – Svemirska komunikacijska mreža SpaceWire – Protokol za prijenos CCSDS paketa (EN 16603-50-53:2015)

Space engineering – SpaceWire – CCSDS packet transfer protocol (EN 16603-50-53:2015)

HRN EN 16603-70-01:2015 en pr

Svemirsko inženjerstvo – Upravljački postupci u letjelici (EN 16603-70-01:2015)

Space engineering – On-board control procedures (EN 16603-70-01:2015)

HRN EN 16603-70-11:2015 en pr

Svemirsko inženjerstvo – Operabilnost svemirskog segmenta (EN 16603-70-11:2015)

Space engineering – Space segment operability (EN 16603-70-11:2015)

HRN EN 16603-70:2015 en pr

Svemirsko inženjerstvo – Sustavi i aktivnosti na Zemlji (EN 16603-70:2015)

Space engineering – Ground systems and operations (EN 16603-70:2015)

HRN EN 16603-70-31:2015 en pr

Svemirsko inženjerstvo – Sustavi i aktivnosti na Zemlji – Definicija podataka za nadzor i kontrolu (EN 16603-70-31:2015)

Space engineering – Ground systems and operations – Monitoring and control data definition (EN 16603-70-31:2015)

HZN/TU U1, Opća elektrotehnika 1**HRN EN 50625-2-1:2015** en pr

Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme (WEEE) – Dio 2-1: Zahtjevi za obradu žarulja (EN 50625-2-1:2014)

Collection, logistics and treatment requirements for WEEE – Part 2-1: Treatment requirements for lamps (EN 50625-2-1:2014)

HRS CLC/TS 50625-3-1:2015 en pr

Zahtjevi za prikupljanje, logistiku i obradu otpadne električne i elektroničke opreme (WEEE) – Dio 3-1:
Specifikacija za uklanjanje onečišćenja – Općenito (CLC/TS 50625-3-1:2015)
Collection, logistics & treatment requirements for WEEE – Part 3-1: Specification for de-pollution –
General (CLC/TS 50625-3-1:2015)

HRN EN 60071-5:2015 en pr

Usklađivanje izolacije – 5. dio: Postupci za pretvarače istosmjerne struje visokog napona (HVDC)
(IEC 60071-5:2014; EN 60071-5:2015)
Insulation co-ordination – Part 5: Procedures for high-voltage direct current (HVDC) converter stations
(IEC 60071-5:2014; EN 60071-5:2015)

HRN EN 60092-507:2015 en pr

Brodske električne instalacije – 507. dio – Mala plovila (IEC 60092-507:2014; EN 60092-507:2015)
Electrical installations in ships – Part 507 – Small vessels (IEC 60092-507:2014; EN 60092-507:2015)

HRN EN 61082-1:2015 en pr

Priprema dokumentacije za uporabu u elektrotehnici – 1. dio: Pravila (IEC 61082-1:2014;
EN 61082-1:2015)
Preparation of documents used in electrotechnology – Part 1: Rules (IEC 61082-1:2014;
EN 61082-1:2015)

HRN EN 62656-1:2015 en pr

Registrar standardiziranih ontologijskih proizvoda i prijenos podataka za proračunske tablice – 1. dio:
Logička struktura za podatkovne pakete (IEC 62656-1:2014; EN 62656-1:2015)
Standardized product ontology register and transfer by spreadsheets – Part 1: Logical structure for
data parcels (IEC 62656-1:2014; EN 62656-1:2015)

HRN EN 62744:2015 en pr

Prikaz stanja objekata grafičkim simbolima (IEC 62744:2014; EN 62744:2015)
Representation of states of objects by graphical symbols (IEC 62744:2014; EN 62744:2015)

HN/TU V1, Elektronika 1

HRN EN 45544-1:2015 en pr

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije
otrovnih plinova i para – 1. dio: Opći zahtjevi i metode ispitivanja (EN 45544-1:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration
measurement of toxic gases and vapours – Part 1: General requirements and test methods
(EN 45544-1:2015)

HRN EN 45544-2:2015 en pr

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije
otrovnih plinova i para – 2. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za upravljanje
izloženošću (EN 45544-2:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration
measurement of toxic gases and vapours – Part 2: Performance requirements for apparatus used for
exposure management (EN 45544-2:2015)

HRN EN 45544-3:2015 en pr

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije
otrovnih plinova i para – 3. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za opće otkrivanje
plinova (EN 45544-3:2015)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration
measurement of toxic gases and vapours – Part 3: Performance requirements for apparatus used for
general gas detection (EN 45544-3:2015)

HRN EN 50290-4-1:2015 en pr

Komunikacijski kabeli – Dio 4-1: Opća razmatranja za uporabu kabela – Uvjeti s obzirom na zaštitu okoliša i sigurnosni aspekti (EN 50290-4-1:2014)

Communication cables – Part 4-1: General considerations for the use of cables – Environmental conditions and safety aspects (EN 50290-4-1:2014)

HRN EN 50290-4-2:2015 en pr

Komunikacijski kabeli – Dio 4-2: Opća razmatranja za uporabu kabela – Upute za uporabu (EN 50290-4-2:2014)

Communication cables – Part 4-2: General considerations for the use of cables – Guide to use (EN 50290-4-2:2014)

HRN EN 50377-17-2:2015 en pr

Connector sets and Interconnect components to be used in optical fibre communication systems – Product specifications – Part 17-2: Type FPFT (factory polished field terminated) simplex connector factory terminated with EN 60793-2-50 category B1.3 fibre and field mounted onto reinforced cable containing IEC 60793-2-50 category B1.3 or B6a1 or B6a 2 singlemode fibre (with restricted MFD), category C (EN 50377-17-2:2015)

HRN EN 50411-2-10:2015 en pr

Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 2-10: Sealed fibre splice closures type 2, category G, for FTTH optical distribution networks (EN 50411-2-10:2015)

HRN EN 50603:2015 en pr

Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with EN 50173-4 – Screened straight patch cords and straight work area cords for class E applications – Detail specification (EN 50603:2014)

HRN EN 60115-2:2015 en pr

Fixed resistors for use in electronic equipment – Part 2: Sectional specification: Leaded fixed low power film resistors (IEC 60115-2:2014; EN 60115-2:2015)

HRN EN 60297-3-108:2015 en pr

Mechanical structures for electronic equipment – Dimensions of mechanical structures of the 482,6 mm (19 in) series – Part 3-108: Dimensions of R-type subracks and plug-in units (IEC 60297-3-108:2014; EN 60297-3-108:2015)

HRN EN 60512-16-21:2015 en pr

Konektori za električku opremu – Ispitivanja i mjerjenja – Dio 16-21: Mehanička ispitivanja kontakata i priključaka – Ispitivanje 16u: Whisker ispitivanje pod vanjskim mehaničkim opterećenjem (IEC 60512-16-21:2012; EN 60512-16-21:2012)

Connectors for electronic equipment – Tests and measurements – Part 16-21: Mechanical tests on contacts and terminations – Test 16u: Whisker test via the application of external mechanical stresses (IEC 60512-16-21:2012; EN 60512-16-21:2012)

HRN EN 60793-1-50:2015 en pr

Optical fibres – Part 1-50: Measurement methods – Damp heat (steady state) tests (IEC 60793-1-50:2014; EN 60793-1-50:2015)

HRN EN 61010-2-010:2015 en pr

Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-010: Posebni zahtjevi za laboratorijsku opremu za grijanje tvari (IEC 61010-2-010:2014; EN 61010-2-010:2014) Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:2014; EN 61010-2-010:2014)

HRN EN 61290-1:2015 en pr

Optical amplifiers – Test methods – Part 1: Power and gain parameters (IEC 61290-1:2014; EN 61290-1:2015)

HRN EN 61300-3-14:2015 en pr

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-14: Examinations and measurements – Error and repeatability of the attenuation settings of a variable optical attenuator (IEC 61300-3-14:2014; EN 61300-3-14:2014)

HRN EN 61300-3-50:2014/Ispri.1:2015 en pr

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-50: Examinations and measurements – Crosstalk for optical spatial switches (IEC 61300-3-50:2013/Corr.1:2015; EN 61300-3-50:2013/AC:2015)

HRN EN 61340-4-8:2015 en pr

Electrostatics – Part 4-8: Standard test methods for specific applications – Electrostatic discharge shielding – Bags (IEC 61340-4-8:2014; EN 61340-4-8:2015)

HRN EN 62137-4:2015 en pr

Electronics assembly technology – Part 4: Endurance test methods for solder joint of area array type package surface mount devices (IEC 62137-4:2014; EN 62137-4:2014)

HRN EN 62674-1:2015 en pr

Indukcijske komponente visoke frekvencije – 1. dio: Fiksni induktori za površinsku montažu u električkoj i telekomunikacijskoj opremi (IEC 62674-1:2012; EN 62674-1:2012)
High frequency inductive components – Part 1: Fixed surface mount inductors for use in electronic and telecommunication equipment (IEC 62674-1:2012; EN 62674-1:2012)

HRN EN 62739-1:2015 en pr

Metoda ispitivanja erozije opreme za valno lemljenje uporabom rastaljene bezolovne legure za lemljenje – 1. dio: Ispitna metoda erozije metalnih materijala bez obrade površine (IEC 62739-1:2013; EN 62739-1:2013)

Test method for erosion of wave soldering equipment using molten lead-free solder alloy – Part 1: Erosion test method for metal materials without surface processing (IEC 62739-1:2013; EN 62739-1:2013)

HN/TU W1, Energetska elektrotehnika 1

HRN EN 50342-1:2008/A1:2015 en pr

Olovni akumulatori za pokretanje – 1. dio: Opći zahtjevi i metode ispitivanja (EN 50342-1:2006/A1:2011)

Lead-acid starter batteries – Part 1: General requirements and methods of test (EN 50342-1:2006/A1:2011)

HRN EN 50342-2:2008/A1:2015 en pr

Olovni akumulatori za pokretanje – 2. dio: Dimenzije akumulatora i označavanje stezaljki (EN 50342-2:2007/A1:2014)

Lead-acid starter batteries – Part 2: Dimensions of batteries and marking of terminals (EN 50342-2:2007/A1:2014)

HRN EN 50465:2015 en pr

Norma za europske proizvode za kombinirane sustave za grijanje koji upotrebljavaju plinsko gorivo (EN 50465:2015)

European product standard for combined heating power systems using gas fuel (EN 50465:2015)

HRN EN 50636-2-107:2015 en pr

Sigurnost kućanskih i sličnih aparata – Dio 2-107: Posebni zahtjevi za robotske kosilice koje se napajaju iz baterije (IEC 60335-2-107:2012, MOD; EN 50636-2-107:2015)

Safety of household and similar appliances – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, MOD; EN 50636-2-107:2015)

HRN EN 60086-4:2015 en pr

Primarne baterije – 4. dio: Sigurnost litijskih baterija (IEC 60086-4:2014; EN 60086-4:2015)

Primary batteries – Part 4: Safety of lithium batteries (IEC 60086-4:2014; EN 60086-4:2015)

HRN EN 60745-2-3:2012/A12:2015 en pr

Ručni elektromotorni alati – Sigurnost – Dio 2-3: Posebni zahtjevi za brusilice, laštilice i kolutne pjeskarilice (EN 60745-2-3:2011/A12:2014)

Hand-held motor-operated electric tools – Safety – Part 2-3: Particular requirements for grinders, polishers and disk-type sanders (EN 60745-2-3:2011/A12:2014)

HRN EN 61029-2-5:2014/A11:2015 en pr

Sigurnost prijevoznih elektromotornih alata – Dio 2-5: Posebni zahtjevi za tračne pile (EN 61029-2-5:2011/A11:2015)

Safety of transportable motor-operated electric tools – Part 2-5: Particular requirements for band saws (EN 61029-2-5:2011/A11:2015)

HRN EN 62620:2015 en pr

Sekundarne ćelije i baterije koje sadrže alkalne i ostale nekisele elektrolite – Sekundarne litijeve ćelije i baterije za uporabu u industrijskim primjenama (IEC 62620:2014; EN 62620:2015)

Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications (IEC 62620:2014; EN 62620:2015)

HRN EN 62798:2015/Ispri.1:2015 en pr

Industrijska oprema za električno grijanje – Metode ispitivanja za infracrvene emitire (IEC 62798:2014/Corr.1:2014; EN 62798:2014/AC:2014)

Industrial electroheating equipment – Test methods for infrared emitters (IEC 62798:2014/Corr.1:2014; EN 62798:2014/AC:2014)

HRN EN 62798:2015 en pr

Industrijska oprema za električno grijanje – Metode ispitivanja za infracrvene emitire (IEC 62798:2014; EN 62798:2014)

Industrial electroheating equipment – Test methods for infrared emitters (IEC 62798:2014; EN 62798:2014)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacrte hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacrta hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo). Nacrti su hrvatskih norma zainteresiranim na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 548, Konstrukcijski eurokodovi

nHRN EN 1994-1-2:2012/A1 hr pp

Eurokod 4: Projektiranje spregnutih čelično-betonskih konstrukcija – Dio 1-2: Opća pravila – Proračun konstrukcija na djelovanje požara (EN 1994-1-2:2005/A1:2014)

Eurocode 4: Design of composite steel and concrete structures – Part 1-2: General rules – Structural fire design (EN 1994-1-2:2005/A1:2014)

nHRN EN 1999-1-1 hr pp

Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-1: Opća pravila (EN 1999-1-1:2007+A1:2009+A2:2013)

Eurocode 9: Design of aluminium structures – Part 1-1: General structural rules (EN 1999-1-1:2007+A1:2009+A2:2013)

nHRN EN 1999-1-2 hr pp

Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-2: Proračun konstrukcija na djelovanje požara (EN 1999-1-2:2007+AC:2009)

Eurocode 9: Design of aluminium structures – Part 1-2: Structural fire design
(EN 1999-1-2:2007+AC:2009)

nHRN EN 1999-1-3 hr pp

Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-3: Konstrukcije osjetljive na zamor (EN 1999-1-3:2007+A1:2011)

Eurocode 9: Design of aluminium structures – Part 1-3: Structures susceptible to fatigue
(EN 1999-1-3:2007+A1:2011)

nHRN EN 1999-1-4 hr pp

Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-4: Hladno oblikovani konstrukcijski limovi (EN 1999-1-4:2007+AC:2009+A1:2011)

Eurocode 9: Design of aluminium structures – Part 1-4: Cold-formed structural sheeting
(EN 1999-1-4:2007+AC:2009+A1:2011)

nHRN EN 1999-1-5 hr pp

Eurokod 9: Projektiranje aluminijskih konstrukcija – Dio 1-5: Ljuskaste konstrukcije (EN 1999-1-5:2007+AC:2009)

Eurocode 9: Design of aluminium structures – Part 1-5: Shell structures (EN 1999-1-5:2007+AC:2009)

HZN/TO E500, *Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama***nHRN EN 55014-1 hr pp**

Elektromagnetska kompatibilnost – Zahtjevi za kućanske uređaje, električne alete i slične uređaje – 1. dio: Emisija (CISPR 14-1:2005+am1:2008+am2:2011; EN 55014-1:2006+A1:2009+A2:2011)

Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission (CISPR 14-1:2005+am1:2008+am2:2011; EN 55014-1:2006+A1:2009+A2:2011)

1.3 Prijedlozi za prihvatanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvatanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma. Pisane primjedbe na prijedloge za prihvatanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 6, *Papir, karton i pulpe***ISO 776:2011 en**

Pulps – Determination of acid-insoluble ash

Pulpe – Određivanje pepela netopivog u kiselini

ISO 2469:2014 en

Paper, board and pulps – Measurement of diffuse radiance factor (diffuse reflectance factor)

Papir, karton i pulpe – Mjerenje faktora sjajnosti difuznog svjetla (faktor difuzne reflektancije)

ISO 2493-1:2010 en

Paper and board – Determination of bending resistance – Part 1: Constant rate of deflection

Papir i karton – Određivanje otpornosti prema savijanju – 1. dio: Jednolika deformacija

ISO 2493-2:2011 en

Paper and board – Determination of bending resistance – Part 2: Taber-type tester
Papir i karton – Određivanje otpornosti prema savijanju – 2. dio: Taberova vrsta uređaja

ISO 3781:2011 en

Paper and board – Determination of tensile strength after immersion in water
Papir i karton – Određivanje vlačne čvrstoće nakon uranjana u vodu

ISO 5628:2012 en

Paper and board – Determination of bending stiffness – General principles for two-point, three-point and four-point methods
Papir i karton – Određivanje krutosti – Opća načela za metode dvije točke, tri točke i četiri točke

ISO 5630-5:2008 en

Paper and board – Accelerated ageing – Part 5: Exposure to elevated temperature at 100 degrees C
Papir i karton – Ubrzano starenje – 5. dio: Izlaganje povišenoj temperaturi pri 100 °C

ISO 5630-6:2009 en

Paper and board – Accelerated ageing – Part 6: Exposure to atmospheric pollution (nitrogen dioxide)
Papir i karton – Ubrzano starenje – 6. dio: Izlaganje atmosferskom zagađenju (dušik oksid)

ISO 5630-7:2014 en

Paper and board – Accelerated ageing – Part 7: Exposure to light
Papir i karton – Ubrzano starenje – 7. dio: -- Izlaganje svjetlosti

ISO 5631-2:2014 en

Paper and board – Determination of colour by diffuse reflectance – Part 2: Outdoor daylight conditions (D65/10 degrees)
Papir i karton – Određivanje boje difuznom reflektancijom – 2. dio: Uvjeti pri vanjskom dnevnom svjetlu (D65/10 stupnjeva)

ISO 5631-3:2014 en

Paper and board – Determination of colour by diffuse reflectance – Part 3: Indoor illumination conditions (D50/2 degrees)
Papir i karton – Određivanje boje difuznom reflektancijom – 3. dio: Osvjetljenje kod unutarnjih uvjeta (D50/2 stupnja)

ISO 5636-3:2013 en

Paper and board – Determination of air permeance (medium range) – Part 3: Bendtsen method
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 3. dio: Bendtsenova metoda

ISO 5636-4:2013 en

Paper and board – Determination of air permeance (medium range) – Part 4: Sheffield method
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 4. dio: Scheffieldova metoda

ISO 5636-5:2013 en

Paper and board – Determination of air permeance (medium range) – Part 5: Gurley method
Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 5. dio: Gurleyeva metoda

ISO 6588-1:2012 en

Paper, board and pulps – Determination of pH of aqueous extracts – Part 1: Cold extraction
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 1. dio: Hladna ekstrakcija

ISO 6588-2:2012 en

Paper, board and pulps – Determination of pH of aqueous extracts – Part 2: Hot extraction
Papir, karton i pulpe – Određivanje pH vrijednosti vodenih ekstrakta – 2. dio: Vruća ekstrakcija

ISO 8784-1:2014 en

Pulp, paper and board – Microbiological examination – Part 1: Enumeration of bacteria and bacterial spores based on disintegration

Pulpa, papir i karton – Mikrobiološko ispitivanje – 1. dio: Određivanje broja bakterija i bakterijskih spora na osnovi raspadanja

ISO 8791-2:2013 en

Paper and board – Determination of roughness/smoothness (air leak methods) – Part 2: Bendtsen method

Papir i karton – Određivanje hraptavosti/glatkoće (metode propuštanja zraka) – 2. dio: Bendtsenova metoda

ISO 10775:2013 en

Paper, board and pulps – Determination of cadmium content – Atomic absorption spectrometric method

Papir, karton i pulpe – Određivanje sadržaja kadmija – Metoda atomske apsorpcijske spektrometrije

ISO 11093-7:2011 en

Paper and board – Testing of cores – Part 7: Determination of flexural modulus by the three-point method

Papir i karton – Ispitivanje papirnih cijevi – 7. dio: Određivanje modula elastičnosti metodom s tri točke

ISO 11093-8:2012 en

Paper and board – Testing of cores – Part 8: Determination of natural frequency and flexural modulus by experimental modal analysis

Papir i karton – Ispitivanje papirnih cijevi – 8. dio: Određivanje prirodne frekvencije i modula elastičnosti pomoću eksperimentalne modalne analize

ISO 12830:2011 en

Paper, board and pulps – Determination of acid-soluble magnesium, calcium, manganese, iron, copper, sodium and potassium

Papir, karton i pulpe – Određivanje magnezija, kalcija, mangana, željeza, bakra, natrija i kalija topljivih u kiselini

ISO 13820:2014 en

Paper, board and corrugated fibreboard – Description and calibration of compression-testing equipment

Papir, karton i valoviti karton – Opis i umjeravanje opreme za ispitivanje pritiskom

ISO 15360-2:2001+Cor 1:2007 en

Recycled pulps – Estimation of Stickies and Plastics – Part 2: Image analysis method

Reciklirane pulpe – Procjena ljepljivih čestica i plastike – 2. dio: Metoda slikovne analize

HN/T 8, Brodogradnja**prEN ISO 15085 en**

Small craft – Man-overboard prevention and recovery (ISO/DIS 15085:2014)

Mala plovila – Čovjek u moru, sprečavanje i spašavanje (ISO/DIS 15085:2014)

ISO 15364:2007 en

Ships and marine technology – Pressure/vacuum valves for cargo tanks

Brodovi i pomorska tehnologija – Tlačno/vakuumski ventili za tankove tereta

EN ISO 21487:2012/prA2 en

Small craft – Permanently installed petrol and diesel fuel tanks (ISO 21487:2012/DAM 2:2015)

Mala plovila – Trajno ugrađeni spremnici za benzinsko i dizelsko gorivo (ISO 21487:2012/DAM 2:2015)

HZN/TO 21, Protupožarna i vatrogasna oprema

FprCEN/TS 54-32 en

Fire detection and fire alarm systems – Part 32: Planning, design, installation, commissioning, use and maintenance of voice alarm systems

Sustavi za otkrivanje i dojavu požara – 32.dio: Planiranje, projektiranje, ugradnja, preuzimanje, uporaba i održavanje sustava zvučne uzbune

prEN 15004-1 en

Fixed firefighting systems – Gas extinguishing systems – Part 1: Design, installation and maintenance

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 1. dio: Opći zahtjevi za planiranje i ugradnju

prEN 15004-2 en

Fixed firefighting systems – Gas extinguishing systems – Part 2: Physical properties and system design of gas extinguishing systems for FK-5-1-12

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 2. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom FK-5-1-12

prEN 15004-3 en

Fixed firefighting systems – Gas extinguishing systems – Part 3: Physical properties and system design of gas extinguishing systems for HCFC Blend A extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 3. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom HCFC Blend A

prEN 15004-4 en

Fixed firefighting systems – Gas extinguishing systems – Part 4: Physical properties and system design of gas extinguishing systems for HFC 125 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 4. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom HFC 125

prEN 15004-5 en

Fixed firefighting systems – Gas extinguishing systems – Part 5: Physical properties and system design of gas extinguishing systems for HFC 227ea extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 5. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom HFC 227ea

prEN 15004-6 en

Fixed firefighting systems – Gas extinguishing systems – Part 6: Physical properties and system design of gas extinguishing systems for HFC 23 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 6. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom HFC 23

prEN 15004-7 en

Fixed firefighting systems – Gas extinguishing systems – Part 7: Physical properties and system design of gas extinguishing systems for IG-01 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 7. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-01

prEN 15004-8 en

Fixed firefighting system – Gas extinguishing systems – Part 8: Physical properties and system design of gas extinguishing systems for IG-100 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 8. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-100

prEN 15004-9 en

Fixed firefighting systems – Gas extinguishing systems – Part 9: Physical properties and system design of gas extinguishing systems for IG-55 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 9. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-55

prEN 15004-10 en

Fixed firefighting systems – Gas extinguishing systems – Part 10: Physical properties and system design of gas extinguishing systems for IG-55 extinguishant

Stabilni protupožarni sustavi – Sustavi za gašenje plinom – 10. dio: Fizikalna svojstva i projektiranje sustava za gašenje plinom IG-541

HNZ/TO 22, Cestovna vozila**FprEN ISO 15118-1 en**

Road vehicles – Vehicle to grid communication interface – Part 1: General information and use-case definition (ISO 15118-1:2013)

Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 1. dio: Opće informacije i definicija slučaja uporabe (ISO 15118-1:2013)

HNZ/TO 23, Traktori i strojevi za poljoprivrodu i šumarstvo**prEN 16831 en**

Tractors and machinery for agriculture and forestry – Safety – Format for reporting accidents

Traktori i mehanizacija za poljoprivrodu i šumarstvo – Sigurnost – Obrazac za prijavu nesreće

prEN ISO 18497 en

Agricultural machinery and tractors – Safety of highly automated machinery (ISO/DIS 18497:2015)

Poljoprivredna mehanizacija i traktori – Sigurnost visoko automatizirane mehanizacije (ISO/DIS 18497:2015)

HNZ/TO 28, Naftni proizvodi i maziva**prEN ISO 12156-1 en**

Diesel fuel – Assessment of lubricity using the high-frequency reciprocating rig (HFRR) – Part 1: Test method (ISO/DIS 12156-1:2015)

Dizelsko gorivo – Ocjenjivanje mazivosti uporabom vibracijskog uređaja visoke frekvencije (HFRR) – 1. dio: Ispitna metoda (ISO/DIS 12156-1:2015)

HNZ/TO 34/PO 11, Poljoprivredni i prehrabeni proizvodi; Šećer, kakao, konditorski proizvodi, škrob i proizvodi škroba**FprEN ISO 10504 en**

Starch derivatives – Determination of the composition of glucose syrups, fructose syrups and hydrogenated glucose syrups – Method using high-performance liquid chromatography (ISO 10504:2013)

Derivati škroba – Određivanje sastava glukoznih sirupa, fruktoznih sirupa i hidrogeniziranih glukoznih sirupa – Metoda tekućinske kromatografije visokog učinka (ISO 10504:2013)

HNZ/TO 35, Boje i lakovi**prEN ISO 4629-1 en**

Binders for paints and varnishes – Determination of hydroxyl value – Titrimetric method – Part 1: Titrimetric method without using a catalyst (ISO/DIS 4629-1:2014)

Veziva za boje i lakove – Određivanje hidroksilne vrijednosti – Titrimetrijska metoda – 1. dio: Titrimetrijska metoda bez primjene katalizatora (ISO/DIS 4629-1:2014)

prEN ISO 4629-2 en

Binders for paints and varnishes – Determination of hydroxyl value – Part 2: Titrimetric method using a catalyst (ISO/DIS 4629-2:2014)

Veziva za boje i lakove – Određivanje hidroksilne vrijednosti – 2. dio: Titrimetrijska metoda uz primjenu katalizatora (ISO/DIS 4629-2:2014)

HN/T 43, Akustika

prEN ISO 4869-1 en

Acoustics – Hearing protectors – Part 1: Subjective method for the measurement of sound attenuation (ISO/DIS 4869-1:2015)

Akustika – Štitnici sluha – 1. dio: Subjektivna metoda za mjerjenje gušenja zvuka (ISO/DIS 4869-1:2015)

prEN ISO 4869-2 en

Acoustics – Hearing protectors – Part 2: Estimation of effective A-weighted sound pressure levels when hearing protectors are worn (ISO/DIS 4869-2:2014)

Akustika – Štitnici sluha – 2. dio: Procjena postojećih vrednovanih razina zvučnoga tlaka A pri nošenju štitnika sluha (ISO/DIS 4869-2:2014)

prEN ISO 10140-1 en

Acoustics – Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products (ISO/DIS 10140-1:2014)

Akustika – Laboratorijska mjerjenja zvučne izolacije građevnih dijelova zgrade – 1. dio: Pravila primjene za određene proizvode (ISO/DIS 10140-1:2014)

HN/T 44, Zavarivanje i srodnii postupci

FprEN ISO 17683 en

Ships and marine technology – Ceramic weld backing for marine use (ISO 17683:2014)

Brodovi i pomorska tehnologija – Keramicka podloga za zavarivanje za primjenu u pomorstvu (ISO 17683:2014)

prEN ISO 17777 en

Welding consumables – Covered electrodes for manual metal arc welding of copper and copper alloys – Classification (ISO/DIS 17777:2015)

Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje bakra i legura bakra – Razredba (ISO/DIS 17777:2015)

prEN ISO 19288 en

Welding consumables – Solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys – Classification (ISO/DIS 19288:2015)

Dodatni i potrošni materijali za zavarivanje – Elektrode od pune žice, pune žice i pune šipke za zavarivanje taljenjem magnezija i magnezijevih legura – Razredba (ISO/DIS 19288:2015)

HN/T 71, Beton

FprEN 12390-11 en

Testing hardened concrete – Part 11: Determination of the chloride resistance of concrete, unidirectional diffusion

Ispitivanje očvsloga betona – Ispitivanje otpornosti betona na kloride, jednosmjerna difuzija

HN/T 86, Uređaji za hlađenje, klimatizaciju i dizalice topline

prEN 16825 en

Refrigerated storage cabinets and counters for professional use – Classification, requirements and test conditions

Rashladni ormari i vitrine za skladištenje hrane za profesionalnu upotrebu – Klasifikacija, zahtjevi i uvjeti ispitivanja

HN/T 92, Zaštita od požara

prEN 1364-2 en

Fire resistance tests on non-loadbearing elements in buildings – Part 2: External walls
Ispitivanja otpornosti na požar nenosivih elemenata – 2. dio: Vanjski zidovi

HN/T 121, Anestetička i respiracijska oprema

FprEN ISO 80601-2-72 en

Medical electrical equipment – Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients
(ISO/FDIS 80601-2-72:2015)

Medicinski električni uređaji – Dio 2-72: Posebni zahtjevi za osnovnu sigurnost i nužne značajke uređaja za potporu disanju u kućnoj zdravstvenoj njezi kod pacijenata ovisnih o ventilatoru
(ISO/FDIS 80601-2-72:2015)

HN/T 130, Grafička tehnologija

ISO 12647-5:2015 en

Graphic technology – Process control for the manufacture of half-tone colour separations, proof and production prints – Part 5: Screen printing
Grafička tehnologija – Kontrola postupaka za kontrolu rasterskih izvadaka, probnog i proizvodnog otiska – 5. dio: Sitotisk

HN/T 134, Gnojiva i poboljšivači tla

EN 12945:2014/prA1 en

Liming materials – Determination of neutralizing value – Titrimetric methods
Tvari za kalcifikaciju – Određivanje neutralizacijske vrijednosti – Titrimetrijske metode

prEN 14984 en

Liming materials – Determination of product effect on soil pH – Soil incubation method
Tvari za kalcifikaciju – Određivanje učinka proizvoda na pH tla – Metoda inkubacije tla

HN/T 138, Plastične cijevi, spojnice i ventili za prijenos tekućina

prEN 13598-2 en

Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) – Part 2: Specifications for manholes and inspection chambers in traffic areas and deep underground installations
Plastični cijevni sustavi za netlačnu podzemnu odvodnju i kanalizaciju – Neomekšani poli(vinil-klorid) (PVC-U), polipropilen (PP) i polietilen (PE) – 2. dio: Specifikacije za kontrolna okna i kontrolne komore u području prometnica i duboko ukopane instalacije

HN/T 147, Kvaliteta vode

FprEN ISO 9698 en

Water quality – Determination of tritium activity concentration – Liquid scintillation counting method
(ISO 9698:2010)
Kvaliteta vode – Određivanje koncentracije aktivnosti tricija – Metoda tekućinske scintilacije
(ISO 9698:2010)

FprEN ISO 10704 en

Water quality – Measurement of gross alpha and gross beta activity in non-saline water – Thin source deposit method (ISO 10704:2009)

Kvaliteta vode – Mjerenje ukupne alfa i ukupne beta aktivnosti u slatkoj vodi – Metoda depozicije tankog izvora (ISO 10704:2009)

FprEN ISO 11704 en

Water quality – Measurement of gross alpha and beta activity concentration in non-saline water – Liquid scintillation counting method (ISO 11704:2010)

Kvaliteta vode – Mjerenje ukupne alfa i beta koncentracije aktivnosti u slatkoj vodi – Metoda tekućinske scintilacije (ISO 11704:2010)

FprEN ISO 13162 en

Water quality – Determination of carbon 14 activity – Liquid scintillation counting method (ISO 13162:2011)

Kvaliteta vode – Određivanje aktivnosti ugljika-14 – Metoda tekućinske scintilacije (ISO 13162:2011)

HZN/TO 163, *Toplinska izolacija***prEN ISO 12572 en**

Hygrothermal performance of building materials and products – Determination of water vapour transmission properties (ISO/DIS 12572:2014)

Značajke građevnih materijala i proizvoda s obzirom na toplinu i vlagu – Određivanje svojstava propusnosti vodene pare (ISO/DIS 12572:2014)

prEN ISO 52010-1 en

Energy performance of buildings – Overarching Assessment Procedures – External environment conditions – Part 1: Calculation Procedures (ISO/DIS 52010-1:2015)

Energijska svojstva zgrada – Sveobuhvatni postupci procjene – Vanjski uvjeti okoliša – 1. dio: Postupci proračuna (ISO/DIS 52010-1:2015)

prEN ISO 52017-1 en

Energy performance of buildings – Calculation of the dynamic thermal balance in a building or building zone – Part 1: Generic calculation procedure (ISO/DIS 52017-1:2015)

Energijska svojstva zgrada – Proračun dinamičke toplinske ravnoteže u zgradama ili građevnoj zoni – 1. dio: Opći postupak proračuna (ISO/DIS 52017-1:2015)

HZN/TO 172, *Optika i optički instrumenti***EN ISO 11979-8:2015 en**

Ophthalmic implants – Intraocular lenses – Part 8: Fundamental requirements (ISO 11979-8:2006+Amd 1:2011)

Oftalmološki implantanti – Intraokularne leće – 8. dio: Osnovni zahtjevi (ISO 11979-8:2006+Amd 1:2011)

EN ISO 14534:2015 en

Ophthalmic optics – Contact lenses and contact lens care products – Fundamental requirements (ISO 14534:2011)

Oftalmološka optika – Kontaktne leće i proizvodi za njegu kontaktnih leća – Osnovni zahtjevi (ISO 14534:2011)

prEN ISO 14880-1 rev en

Optics and photonics – Microlens arrays – Part 1: Vocabulary (ISO/DIS 14880-1:2014)

HN/T 176, Upravljanje kvalitetom i osiguravanje kvalitete

CEN/TS 16555-2:2014 en

Innovation management – Part 2: Strategic intelligence management
Upravljanje inovacijama – 2. dio: Upravljanje strateškim istraživanjima

CEN/TS 16555-3:2014 en

Innovation management – Part 3: Innovation thinking
Upravljanje inovacijama – 3. dio: Osmišljavanje inovacija

CEN/TS 16555-4:2014 en

Innovation management – Part 4: Intellectual property management
Upravljanje inovacijama – 4. dio: Upravljanje intelektualnim vlasništvom

CEN/TS 16555-5:2014 en

Innovation management – Part 5: Collaboration management
Upravljanje inovacijama – 5. dio: Upravljanje suradnjama

CEN/TS 16555-6:2014 en

Innovation management – Part 6: Creativity management
Upravljanje inovacijama – 6. dio: Upravljanje kreativnošću

HN/T 181, Sigurnost igračaka i proizvodi za djecu

EN 16120:2012+A1:2014/prA2 en

Child use and care articles – Chair mounted seat
Proizvodi za dojenčad i malu djecu – Sjedalica koja se pričvršćuje za stolicu

HN/T 182, Geotehničke konstrukcije

prEN ISO 17892-5:2014 en

Geotechnical investigation and testing – Laboratory testing of soil – Part 5: Incremental loading oedometer test (ISO/DIS 17892-5:2014)
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 5. dio: Edometarsko ispitivanje s inkrementalnim opterećenjem (ISO/DIS 17892-5:2014)

prEN ISO 17892-6:2014 en

Geotechnical investigation and testing – Laboratory testing of soil – Part 6: Fall cone test (ISO/DIS 17892-6:2014)
Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 6. dio: Pokus s padajućim šiljkom (ISO/DIS 17892-6:2014)

EN ISO 22476-12:2009 en

Geotechnical investigation and testing – Field testing – Part 12: Mechanical cone penetration test (CPTM) (ISO 22476-12:2009)
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 12. dio: Ispitivanje statičkim, mehaničkim penetrometrom (CPT) (ISO 22476-12:2009)

HN/T 190, Kvaliteta tla

FprEN ISO 11268-1 en

Soil quality – Effects of pollutants on earthworms – Part 1: Determination of acute toxicity to Eisenia fetida/Eisenia andrei (ISO 11268-1:2012)
Kvaliteta tla – Učinci onečišćivača na gujavice – 1. dio: Određivanje akutne toksičnosti za vrste Eisenia fetida/Eisenia andrei (ISO 11268-1:2012)

FprEN ISO 11268-2 en

Soil quality – Effects of pollutants on earthworms – Part 2: Determination of effects on reproduction of Eisenia fetida/Eisenia andrei (ISO 11268-2:2012)

Kvaliteta tla – Učinci onečišćivača na gujavice – 2. dio: Određivanje učinaka na reprodukciju vrsta Eisenia fetida/Eisenia andrei (ISO 11268-2:2012)

FprEN ISO 11268-3 en

Soil quality – Effects of pollutants on earthworms – Part 3: Guidance on the determination of effects in field situations (ISO 11268-3:2014)

Kvaliteta tla – Učinci onečišćivača na gujavice – 3. dio: Upute za određivanje učinaka na terenu (ISO 11268-3:2014)

FprEN ISO 12404 en

Soil quality – Guidance on the selection and application of screening methods (ISO 12404:2011)

Kvaliteta tla – Upute za odabir i primjenu metoda provjere (ISO 12404:2011)

FprEN ISO 13196 en

Soil quality – Screening soils for selected elements by energy-dispersive X-ray fluorescence spectrometry using a handheld or portable instrument (ISO 13196:2013)

Kvaliteta tla – Provjera tla za odabrane elemente rendgenskom fluorescentnom spektrometrijom uporabom ručnog ili prijenosnog instrumenta (ISO 13196:2013)

HN/T 218, Drvo**FprEN 49-2 rev en**

Wood preservatives – Determination of the protective effectiveness against Anobium punctatum (De Geer) by egg-laying and larval survival – Part 2: Application by impregnation (Laboratory method)

Sredstva za zaštitu drva – Određivanje učinkovitosti zaštite protiv Anobium punctatum (De Geer) polaganjem jajašaca i preživljavanjem larvi – 2. dio: Primjena impregnacijom (laboratorijska metoda)

prEN 599-2 en

Durability of wood and wood-based products – Efficacy of preventive wood preservatives as determined by biological tests – Part 2: Labelling

prEN 16818 en

Durability of wood and wood-based products – Moisture dynamics of wood and wood-based products

HN/T 503, Metalni materijali**FprEN 10251 en**

Magnetic materials – Methods of determination of the geometrical characteristics of electrical steel sheet and strip

Magnetični materijali – Metode određivanja geometrijskih karakteristika elektrolimova i traka

FprEN 10330 en

Magnetic materials – Method of measurement of the coercivity of magnetic materials in an open magnetic circuit

Magnetični materijali – Metode mjeranja koercitivnosti magnetnih materijala u otvorenome magnetskom krugu

FprCEN/TS 13388 rev en

Copper and copper alloys – Compendium of compositions and products

Bakar i legure bakra – Sažeti prikaz sastava i proizvoda

HN/T 504, Korozija i zaštita metala i legura

prEN ISO 15257 en

Cathodic protection – Competence levels of cathodic protection persons – Basis for certification scheme (ISO/DIS 15257:2014)

Katodna zaštita – Razine sposobnosti osoblja za katodnu zaštitu – Osnova za shemu certifikacije (ISO/DIS 15257:2014)

HN/T 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

prEN 16808 en

Petroleum, petrochemical and natural gas industries – Safety of machineries – Manual elevators

prEN ISO 17781 en

Petroleum, petrochemical and natural gas industries – Test methods for quality control of microstructure of austenitic/ferritic (duplex) stainless steel (ISO/DIS 17781:2015)

prEN ISO 19901-4 en

Petroleum and natural gas industries – Specific requirements for offshore structures – Part 4: Geotechnical and foundation design considerations (ISO/DIS 19901-4:2015)

Industrija nafte i prirodnog plina – Posebni zahtjevi za odobalne konstrukcije – 4. dio: Zahtjevi i preporuke za projektiranje i izvođenje geotehničkih radova i temeljenja (ISO/DIS 19901-4:2015)

HN/T 509, Cestovna oprema

prEN 12352 rev en

Traffic control equipment – Warning and safety light devices

Oprema za regulaciju prometa – Upozoravajuće i sigurnosne svjetlosne naprave

HN/T 513, Mjerne jedinice i mjerila

prEN ISO 5167-5 en

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 5: Cone meters

Mjerenje protoka fluida u tlačnim cjevovodima kružnoga poprečnog presjeka ugradnjom elemenata na kojima nastaje razlika tlaka – 5. dio: Konusna mjerila

prEN 16836-1 en

Communication systems for meters – Wireless mesh networking for meter data exchange – Part 1: Introduction and standardization framework

Komunikacijski sustavi za mjerila – Bežična mesh mreža za razmjenu podataka mjerjenja – 1. dio: Uvod i okvir normizacije

prEN 16836-2 en

Communication systems for meters – Wireless mesh networking for meter data exchange – Part 2: Networking layer and stack specification

Komunikacijski sustavi za mjerila – Bežična mesh mreža za razmjenu podataka mjerjenja – 2. dio: Razina umrežavanja i specifikacija povezivanja

prEN 16836-3 en

Communication systems for meters – Wireless mesh networking for meter data exchange – Part 3: Energy profile specification dedicated application layer

Komunikacijski sustavi za mjerila – Bežična mesh mreža za razmjenu podataka mjerjenja – 3. dio: Specifikacija energijskog profila za dodijeljenu razinu primjene

HZN/TO 515, Žičare, uspinjače i vučnice

prEN 1907 en

Safety requirements for cableway installations designed to carry persons – Terminology
Sigurnosni zahtjevi za žičare za prijevoz osoba – Nazivlje

HZN/TO 518, Podovi, stropovi i zidne obloge

DIN 4103-1:2014 de

Nichttragende innere Trennwände – Teil 1: Anforderungen und Nachweise
Nenosivi unutarnji pregradni zidovi – 1. dio: Zahtjevi i ispitivanje

HZN/TO 528, Oprema za željeznice

prEN 13848-5 en

Railway applications – Track – Track geometry quality – Part 5: Geometric quality levels – Plain line, switches and crossings

prEN 16727-3 en

Railway applications – Track – Noise barriers and related devices acting on airborne sound propagation – Non-acoustic performance – Part 3: General safety and environmental requirements

HZN/TO 531, Plastika i guma

prEN 15701 en

Plastics – Thermoplastic jackets for insulation products for building equipment and industrial installations – Requirements and test methods

Plastika – Plastomerni plaštevi za izoliranje građevinske opreme i industrijskih instalacija – Zahtjevi i ispitne metode

prEN 16820 en

Hose assemblies for use in the pharmaceutical and biotechnological industry with hoses of non-metallic materials – Elastomeric hoses with or without liner

prEN 16821 en

Hose assemblies for use in the pharmaceutical and biotechnological industry with hoses of non-metallic materials – Silicone rubber hoses

FprEN ISO 21509 en

Plastics and ebonite – Verification of Shore durometers (ISO 21509:2006)

HZN/TO 534, Spremnici za teret

EN 14025:2013/prA1 en

Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction
Spremniči za prijevoz opasnih tvari – Metalni tlačni spremnici – Projektiranje i konstrukcija

prEN ISO 21028-1 en

Cryogenic vessels – Toughness requirements for materials at cryogenic temperature – Part 1:
Temperatures below -80 degrees C (ISO/DIS 21028-1:2015)

Kriogenične posude – Zahtjevi za žilavost za materijale pri niskim temperaturama – 1. dio:
Temperature ispod -80 ° C (ISO/DIS 21028-1:2015)

prEN ISO 21028-2:2014 en

Cryogenic vessels – Toughness requirements for materials at cryogenic temperature – Part 2: Temperatures between -80 degrees C and -20 degrees C (ISO/DIS 21028-2:2014)
Kriogenične posude – Zahtjevi za žilavost za materijale pri niskim temperaturama – 2. dio: Temperature između -80 °C i -20 °C (ISO/DIS 21028-2:2014)

HNZ/TO 535, Agregati**EN 933-8:2012/FprA1 en**

Tests for geometrical properties of aggregates – Part 8: Assessment of fines – Sand equivalent test
Ispitivanja geometrijskih svojstava agregata – 8. dio: Procjena sitnih čestica – Određivanje ekvivalenta pijeska

HNZ/TO 536, Vrata, prozori i staklo u graditeljstvu**EN 1863-1:2011/prA1 en**

Glass in building – Heat strengthened soda lime silicate glass – Part 1: Definition and description
Staklo u graditeljstvu – Toplinski ojačano natrij-kalcijevo silikatno staklo – 1. dio: Definicija i opis

HNZ/TO 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija**prEN ISO 1 rev en**

Geometrical product specifications (GPS) – Standard reference temperature for the specification of geometrical and dimensional properties (ISO/DIS 1:2015)

HNZ/TO 541, Sustavi grijanja, ventilacije i klimatizacije u građevinama**FprEN ISO 11855-1 en**

Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 1: Definition, symbols, and comfort criteria (ISO 11855-1:2012)

FprEN ISO 11855-2 en

Building environment design – Design, dimensioning; installation and control of embedded radiant heating and cooling systems – Part 2: Determination of the design heating and cooling capacity (ISO 11855-2:2012)

FprEN ISO 11855-3 en

Building environment design – Design; dimensioning, installation and control of embedded radiant heating and cooling systems – Part 3: Design and dimensioning (ISO 111855-3:2012)

FprEN ISO 11855-4 en

Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) (ISO 11855-4:2012)

FprEN ISO 11855-5 en

Building environment design – Design, dimensioning, installation and control of embedded radiant heating and cooling systems – Part 5: Installation (ISO 11855-5:2012)

FprEN ISO 12759 en

Fans – Efficiency classification for fans (ISO 12759:2010+Amd 1:2013)
Ventilatori – Razredba učinkovitosti ventilatora (ISO 12759:2010+Amd 1:2013)

HN/T 551, Gradnja

ISO 6707-1:2014 en

Buildings and civil engineering works – Vocabulary – Part 1: General terms
Zgrade i inženjerske građevine – Rječnik – 1. dio: Opći nazivi

ISO 6707-2:2014 en

Buildings and civil engineering works – Vocabulary – Part 2: Contract terms
Zgrade i inženjerske građevine – Rječnik – 2. dio: Nazivi koji se odnose na ugovaranje

HN/T 553, Predgotovljeni proizvodi

EN 997:2012/FprA1 en

WC pans and WC suites with integral trap
WC školjke i WC garniture s ugrađenim sifonom

prEN 12004-1 rev en

Adhesives for tiles – Part 1: Requirements, evaluation of conformity, classification and designation
Ljepila za pločice – Zahtjevi, vrednovanje sukladnosti, razredba i označivanje

prEN 12004-2 rev en

Adhesives for tiles – Part 2: Test methods
Ljepila za pločice – 2. dio: Metode ispitivanja

FprEN 13310 en

Kitchen sinks – Functional requirements and test methods
Sudoperi – Funkcionalni zahtjevi i metode ispitivanja

FprEN 13407 en

Wall-hung urinals – Functional requirements and test methods
Zidni pisoari – Funkcionalni zahtjevi i metode ispitivanja

EN 14055:2010/FprA1 en

WC and urinal flushing cisterns
Spremnici za ispiranje WC-a i pisoara

FprEN 14528 en

Bidets – Functional requirements and test methods
Bidei – Funkcionalni zahtjevi i metode ispitivanja

FprEN 14688 en

Sanitary appliances – Wash basins – Functional requirements and test methods
Sanitarni uređaji – Umivaonici – Funkcionalni zahtjevi i metode ispitivanja

prEN 14891 rev en

Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives – Requirements, test methods, evaluation of conformity, classification and designation
Vodonepropusni proizvodi u tekućem obliku za primjenu ispod keramičkih pločica povezanih ljepilom – Zahtjevi, metode ispitivanja, vrednovanje sukladnosti, razredba i označivanje

HN/T 556, Osobna zaštitna oprema

prEN 1384 rev en

Helmets for equestrian activities
Kacige za jahačke akrobatske aktivnosti

HN/T 557, Zaštitna odjeća

FprEN ISO 11611 en

Protective clothing for use in welding and allied processes (ISO/CDIS 11611:2014)
Zaštitna odjeća za uporabu kod zavarivanja i srodnih procesa (ISO/CDIS 11611:2014)

FprEN ISO 14116 en

Protective clothing – Protection against flame – Limited flame spread materials, material assemblies and clothing (ISO/CDIS 14116:2014)
Zaštitna odjeća – Zaštita od plamena – Materijali, kombinacije materijala i odjeća ograničena širenja plamena (ISO/CDIS 14116:2014)

prEN ISO 27065 en

Protective clothing – Performance requirements for protective clothing worn by operators applying liquid pesticides and for re-entry workers (ISO/DIS 27065:2015)
Zaštitna odjeća – Zahtjevi za svojstva zaštitne odjeće koju nose radnici koji primjenjuju tekuće pesticide i radnici koji ulaze u tretirano područje (ISO/DIS 27065:2015)

HN/T 561, Kotlovi, posude pod tlakom, cjevovodi i plinske boce

EN 13445-3:2014/FprA2 en

Unfired pressure vessels – Part 3: Design
Neložene tlačne posude – 3. dio: Projektiranje

EN 13445-4:2014 en

Unfired pressure vessels – Part 4: Fabrication
Neložene tlačne posude – 4. dio: Proizvodnja

EN 13445-8:2014/A1:2014 en

Unfired pressure vessels – Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys
Neložene tlačne posude – 8. dio: Dodatni zahtjevi za tlačne posude od aluminija i aluminijevih legura

HN/T 562, Alatni strojevi i alati

prEN ISO 6789-1 rev en

Assembly tools for screws and nuts – Hand torque tools – Part 1: Requirements and method for design conformance testing and quality conformance testing – Minimum requirements for calibration and calibration certificates (ISO/DIS 6789-1:2015)

prEN ISO 6789-2 rev en

Assembly tools for screws and nuts – Hand torque tools – Part 2: Requirements for calibration and determination of measurement uncertainty (ISO/DIS 6789-2:2015)

HN/T 563, Sigurnost strojeva

EN ISO 11111-2:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 2: Spinning preparatory and spinning machines (ISO 11111-2:2005/DAM 2:2014)
Tekstilni strojevi – Sigurnosni zahtjevi – 2. dio: Strojevi za pripremu predenja i prelački strojevi (ISO 11111-2:2005/DAM 2:2014)

EN ISO 11111-3:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 3: Nonwoven machines (ISO 11111-3:2005/DAM 2:2014)
Tekstilni strojevi – Sigurnosni zahtjevi – 3. dio: Strojevi za netkani tekstil (ISO 11111-3:2005/DAM 2:2014)

EN ISO 11111-4:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 4: Yarn processing, cordage and rope manufacturing machinery (ISO 11111-4:2005/DAM 2:2014)

Tekstilni strojevi – Sigurnosni zahtjevi – 4. dio: Prerada pređe, strojevi za izradu uzica i užadi (ISO 11111-4:2005/DAM 2:2014)

EN ISO 11111-5:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 5: Preparatory machinery to weaving and knitting – Amendment 2 (ISO 11111-5:2005/DAM 2:2014)

Tekstilni strojevi – Sigurnosni zahtjevi – 5. dio: Strojevi za pripremu tkanja i pletenja – Amandman 2 (ISO 11111-5:2005/DAM 2:2014)

EN ISO 11111-6:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 6: Fabric manufacturing machinery (ISO 11111-6:2005/DAM 2:2014)

Tekstilni strojevi – Sigurnosni zahtjevi – 6. dio: Strojevi za proizvodnju plošnih tekstila (ISO 11111-6:2005/DAM 2:2014)

EN ISO 11111-7:2005/prA2:2014 en

Textile machinery – Safety requirements – Part 7: Dyeing and finishing machinery (ISO 11111-7:2005/DAM 2:2014)

Tekstilni strojevi – Sigurnosni zahtjevi – 7. dio: Strojevi za bojenje i oplemenjivanje (ISO 11111-7:2005/DAM 2:2014)

prEN 16811-2 en

Winter maintenance equipment – De-icing agents – Part 2: Calcium chloride and Magnesium chloride – Requirements and test methods

HZN/TO 569, Hrana za životinje**prEN ISO 13904 rev en**

Animal feeding stuffs – Determination of tryptophan content (ISO/DIS 13904:2014)

Stočna hrana – Određivanje količine triptofana (ISO/DIS 13904:2014)

HZN/TO 571, Sport, igrališta i ostali rekreativski sadržaji i oprema**prEN ISO 25649-1 en**

Floating leisure articles for use on and in the water – Part 1: Classification, materials, general requirements and test methods (ISO/DIS 25649-1:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 1. dio: Klasifikacija, materijali, osnovni zahtjevi i metode ispitivanja (ISO/DIS 25649-1:2015)

prEN ISO 25649-2 en

Floating leisure articles for use on and in the water – Part 2: Consumer information (ISO/DIS 25649-2:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 2. dio: Obavijesti za potrošače (ISO/DIS 25649-2:2015)

prEN ISO 25649-3 en

Floating leisure articles for use on and in the water – Part 3: Additional specific safety requirements and test methods for Class A devices (ISO/DIS 25649-3:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 3. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave A kategorije (ISO/DIS 25649-3:2015)

prEN ISO 25649-4 en

Floating leisure articles for use on and in the water – Part 4: Part 4: Additional specific safety requirements and test methods for Class B devices (ISO/DIS 25649-4:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 4. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave B kategorije (ISO/DIS 25649-4:2015)

prEN ISO 25649-5 en

Floating leisure articles for use on and in the water – Part 5: Additional specific safety requirements and test methods for Class C devices (ISO/DIS 25649-5:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 5. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave C kategorije (ISO/DIS 25649-5:2015)

prEN ISO 25649-6 en

Floating leisure articles for use on and in the water – Part 6: Additional specific safety requirements and test methods for Class D devices (ISO/DIS 25649-6:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 6. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave D (ISO/DIS 25649-6:2015)

prEN ISO 25649-7 en

Floating leisure articles for use on and in the water – Part 7: Additional specific safety requirements and test methods for class E devices (ISO/DIS 25469-7:2015)

Plutajući proizvodi za slobodno vrijeme za uporabu na vodi i u vodi – 7. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za naprave E kategorije (ISO/DIS 25469-7:2015)

HZN/TO E8, Sustavski vidovi opskrbe električnom energijom**EN 50160:2010/A1:2015 en**

Voltage characteristics of electricity supplied by public electricity networks

Naponske karakteristike električne energije iz javnih distribucijskih mreža

HZN/TO E9, Električna oprema za željeznicu**CLC/FprTS 50238-2 en**

Railway applications – Compatibility between rolling stock and train detection systems – Part 2: Compatibility with track circuits

Željeznički sustav – Kompatibilnost između željezničkih vozila i sustava detekcije vlaka – 2. dio: Kompatibilnost s kolosječnim strujnim krugovima

prEN 50641:2014 en

Railway applications – Fixed installations – Requirements for the validation of simulation tools used for the design of traction power supply systems

Željeznički sustav – Stabilna postrojenja – Zahtjevi za vrednovanje simulacijskih alata korištenih za konstruiranje sustava napajanja električne vuće

HZN/TO E17, Sklopni i upravljački uređaji**prEN 50052:2015 en**

Cast aluminium alloy enclosures for gas-filled high-voltage switchgear and controlgear

Lijevana kućišta od aluminijskih legura za visokonaponske sklopne aparature punjene plinom

EN 60947-5-1:2004/FprA2:2015 en

Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices (IEC 60947-5-1:2003/am2:201X)

Niskonaponska sklopna aparatura – Dio 5-1: Aparati za upravljačke strujne krugove i sklopni elementi – Elektromehanički aparati za upravljačke strujne krugove (IEC 60947-5-1:2003/am2:201X)

EN 60947-5-5:1997/FprA2:2015 en

Low-voltage switchgear and controlgear – Part 5-5: Control circuit devices and switching elements – Electrical emergency stop device with mechanical latching function (IEC 60947-5-5:1997/am2:201X)
Niskonaponska sklopna aparatura – Dio 5-5: Aparati za upravljačke strujne krugove i sklopni elementi – Električni aparati za zaustavljanje u nevolji sa zaporom (IEC 60947-5-5:1997/am2:201X)

HN/TOP E34, Žarulje, svjetiljke i pripadna oprema**FprEN 60929:2011/FprA1:2015 en**

AC and/or DC-supplied electronic control gear for tubular fluorescent lamps – Performance requirements (IEC 60929:2011/am1:201X)
Elektroničke predspojne naprave koje se napajaju izmjeničnom i/ili istosmjernom strujom namijenjene fluorescentnim cijevima – Izvedbeni zahtjevi (IEC 60929:2011/am1:201X)

HN/TOP E36, Izolatori**FprEN 50180-1 en**

Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers – Part 1: General requirements for bushings

Provodni izolatori iznad 1 kV do 52 kV i od 250 A do 3,15 kA za transformatore punjene tekućinom – 1. dio: Opći zahtjevi za provodne izolatore

HN/TOP E45, Nuklearna instrumentacija**EN 61577-4:2014 en**

Radiation protection instrumentation – Radon and radon decay product measuring instruments – Part 4: Equipment for the production of reference atmospheres containing radon isotopes and their decay products (STAR) (IEC 61577-4:2009)
Instrumentacija u zaštiti od zračenja – Instrumentacija za mjerjenje radona i produkata raspada radona – 4. dio: Oprema za proizvodnju referentne atmosfere koja sadrži izotope radona i njihove raspadne produkte (STAR) (IEC 61577-4:2009)

HN/TOP E55, Žice za namote**FprEN 60317-0-4:2015 en**

Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire (IEC 60317-0-4:201X)
Specifikacije pojedinih vrsta žica za namote – Dio 0-4: Opći zahtjevi – Nelakirana ili lakirana profilna bakrena žica omotana staklenim vlaknima i impregnirana smolom ili lakom (IEC 60317-0-4:201X)

FprEN 60317-59:2015 en

Specifications for particular type of winding wires – Part 59: Polyamideimide enameled round copper wire, class 240 (IEC 60317-59:201X)

Specifikacije pojedinih vrsta žica za namote – 59. dio: Poliimidom lakirana okrugla bakrena žica, razreda 240 (IEC 60317-59:201X)

HN/TOP E56, Pouzdanost**FprEN 61882:2015 en**

Hazard and operability studies (HAZOP studies) – Application guide (IEC 61882:201X)
Studije opasnosti i pripravnosti za rad – Upute za primjenu (IEC 61882:201X)

HN/T0 E57, Upravljanje energetskim sustavom i pridružene komunikacije

EN 62351-3:2014 en

Power systems management and associated information exchange – Data and communications security – Part 3: Communication network and system security – Profiles including TCP/IP (IEC 62351-3:2014)

Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 3. dio: Sigurnost komunikacijske mreže i sustava – Profili koji uključuju TCP/IP (IEC 62351-3:2014)

HN/T0 E59, Uporabne značajke električnih kućanskih aparata

prEN 50593:2015 en

Electric dishwashers for commercial use – Test methods for measuring the performance
Električne perilice posuđa za komercijalnu uporabu – Ispitne metode za mjerenje radnih svojstava

HN/T0 E61, Sigurnost električnih kućanskih i sličnih aparata

EN 60335-1:2012/FprA1:2013 (fragment 8)/FprAC:2015 en

Household and similar electrical appliances – Safety – Part 1: General requirements

Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi

EN 60335-1:2012/FprA2:2015 en

Household and similar electrical appliances – Safety – Part 1:General requirements

(IEC 60335-1:2010/am2:201X)

Kućanski i slični električni aparati – Sigurnost – 1. dio: Opći zahtjevi (IEC 60335-1:2010/am2:201X)

EN 60335-2-11:2010/FprA2:2015 en

Household and similar electrical appliances – Safety – Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2008/am2:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-11: Posebni zahtjevi za bubnjaste sušilice (IEC 60335-2-11:2008/am2:201X)

FprEN 60335-2-14:2015 en

Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines (IEC 60335-2-14:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-14: Posebni zahtjevi za kuhinjske strojeve (IEC 60335-2-14:201X)

EN 60335-2-2:2010/FprA2:2015 en

Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliance (IEC 60335-2-2:2009/am2:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-2: Posebni zahtjevi za usisavače prašine i usisavače vode (IEC 60335-2-2:2009/am2:201X)

FprEN 60335-2-23:2015 en

Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care (IEC 60335-2-23:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-23: Posebni zahtjevi aparata za njegu kože ili kose (IEC 60335-2-23:201X)

FprEN 60335-2-29:2015 en

Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers (IEC 60335-2-29:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-29: Posebni zahtjevi za punilice baterija (IEC 60335-2-29:201X)

EN 60335-2-31:2014/FprA1:2015 en

Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors (IEC 60335-2-31:2012/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-31: Posebni zahtjevi za kuhinjske usisne nape i druge uređaje za izvlačenje plinova izgaranja (IEC 60335-2-31:2012/am1:201X)

EN 60335-2-52:2003/FprAB:2014 en

Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances

Kućanski i slični električni aparati – Sigurnost – Dio 2-52: Posebni zahtjevi za aparate za higijenu usta

EN 60335-2-54:2008/FprA1:2015 en

Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam (IEC 60335-2-54:2008/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-54: Posebni zahtjevi za kućanske aparate za čišćenje površina primjenom tekućina ili pare (IEC 60335-2-54:2008/am1:201X)

EN 60335-2-69:2012/FprA1:2015 en

Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners for commercial use (IEC 60335-2-69:2012/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-69: Posebni zahtjevi za usisavače prašine i vode s rotirajućom četkom za komercijalnu uporabu (IEC 60335-2-69:2012/am1:201X)

EN 60335-2-75:2014/FprA1 en

Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines (IEC 60335-2-75:2012/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-75: Posebni zahtjevi za ugostiteljske raspodjeljne aparate i prodajne automate (IEC 60335-2-75:2012/am1:201X)

EN 60335-2-79:2012/FprA1:2015 en

Household and similar electrical appliances – Safety – Part 2-79: Particular requirements for high pressure cleaners and steam cleaners (IEC 60335-2-79:2012/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-79: Posebni zahtjevi za visokotlačne i parne čistilice (IEC 60335-2-79:2012/am1:201X)

EN 60335-2-8:201X/FprA1:2015 en

Household and similar electrical appliances – Safety – Part 2-8: Particular requirements for shavers, hair clippers and similar appliances (IEC 60335-2-8:2012/am1:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-8: Posebni zahtjevi za brijala, šišala i slične aparate (IEC 60335-2-8:2012/am1:201X)

EN 60335-2-9:2015/FprA2:2015 en

Household and similar electrical appliances – Safety – Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances (IEC 60335-2-9:2008/am2:201X)

Kućanski i slični električni aparati – Sigurnost – Dio 2-9: Posebni zahtjevi za roštilje, pržila kruha i slične pomicne aparate za kuhanje (IEC 60335-2-9:2008/am2:201X)

HZN/TO E62, *Električna oprema u medicinskoj praksi***EN 60601-1:2006/A12:2014 en**

Medical electrical equipment – Part 1: General requirements for basic safety and essential performance

Medicinski električni uređaji – 1. dio: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke

EN 61910-1:2014 en

Medical electrical equipment – Radiation dose documentation – Part 1: Radiation dose structured reports for radiography and radioscopy (IEC 61910-1:2014)

Medicinski električni uređaji – Dokumentacija o dozi ozračivanja – 1. dio: Strukturirana izvješća o dozi ozračivanja za radiografiju i radioskopiju (IEC 61910-1:2014)

HN/T0 E64, *Električne instalacije i zaštita od električnog udara*

HD 60364-4-42:2011/A1:2015 en

Low voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects (IEC 60364-4-42:2010/am1:2014)

Niskonaponske električne instalacije – Dio 4-42: Sigurnosna zaštita – Zaštita od toplinskih učinaka (IEC 60364-4-42:2010/am1:2014)

FprHD 60364-7-712:2015 en

Low-voltage electrical installations – Part 7-712: Requirements for special installations or locations – Photovoltaic (PV) systems

Niskonaponske električne instalacije – Dio 7-712: Zahtjevi za posebne instalacije ili prostore – Fotonaponski sustavi (PV)

HN/T0 E65, *Mjerenje, vođenje i automatizacija industrijskih procesa*

EN 61158-3-1:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-1: Data-link layer service definition – Type 1 elements (IEC 61158-3-1:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-1: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 1 (IEC 61158-3-1:2014)

EN 61158-3-12:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-12: Data-link layer service definition – Type 12 elements (IEC 61158-3-12:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-12: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 12 (IEC 61158-3-12:2014)

EN 61158-3-13:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-13: Data-link layer service definition – Type 13 elements (IEC 61158-3-13:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-13: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 13 (IEC 61158-3-13:2014)

EN 61158-3-14:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-14: Data-link layer service definition – Type 14 elements (IEC 61158-3-14:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-14: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 14 (IEC 61158-3-14:2014)

EN 61158-3-19:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-19: Data-link layer service definition – Type 19 elements (IEC 61158-3-19:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-19: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 19 (IEC 61158-3-19:2014)

EN 61158-3-20:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-20: Data-link layer service definition – Type 20 elements (IEC 61158-3-20:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-20: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 20 (IEC 61158-3-20:2014)

EN 61158-3-22:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type 22 elements (IEC 61158-3-22:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-22: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 22 (IEC 61158-3-22:2014)

EN 61158-3-24:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type-24 elements (IEC 61158-3-24:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-24: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 24 (IEC 61158-3-24:2014)

EN 61158-3-3:2014 en

Industrial communication networks – Fieldbus specifications – Part 3-3: Data-link layer service definition – Type 3 elements (IEC 61158-3-3:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 3-3: Definicija usluge sloja podatkovne veze OSI referentnog modela – Elementi tipa 3 (IEC 61158-3-3:2014)

EN 61158-4-1:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-1: Data-link layer protocol specification – Type 1 elements (IEC 61158-4-1:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-1: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 1 (IEC 61158-4-1:2014)

EN 61158-4-11:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-11: Data-link layer protocol specification – Type 11 elements (IEC 61158-4-11:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-11: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 11 (IEC 61158-4-11:2014)

EN 61158-4-12:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-12: Data-link layer protocol specification – Type 12 elements (IEC 61158-4-12:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-12: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 12 (IEC 61158-4-12:2014)

EN 61158-4-13:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-13: Data-link layer protocol specification – Type 13 elements (IEC 61158-4-13:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-13: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 13 (IEC 61158-4-13:2014)

EN 61158-4-14:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-14: Data-link layer protocol specification – Type 14 elements (IEC 61158-4-14:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-14: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 14 (IEC 61158-4-14:2014)

EN 61158-4-19:2014 en

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EN 61158-4-2:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-2: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 2 (IEC 61158-4-2:2014)

EN 61158-4-20:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-20: Data-link layer protocol specification – Type 20 elements (IEC 61158-4-20:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-20: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 20 (IEC 61158-4-20:2014)

EN 61158-4-22:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type 22 elements (IEC 61158-4-22:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-22: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 22 (IEC 61158-4-22:2014)

EN 61158-4-24:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements (IEC 61158-4-24:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-24: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 24 (IEC 61158-4-24:2014)

EN 61158-4-3:2014 en

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Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-3: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 3 (IEC 61158-4-3:2014)

EN 61158-4-4:2014 en

Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 4-4: Specifikacija protokola sloja podatkovne veze OSI referentnog modela – Elementi tipa 4 (IEC 61158-4-4:2014)

EN 61158-5-10:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-10: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 10 (IEC 61158-5-10:2014)

EN 61158-5-12:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-12: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 12 (IEC 61158-5-12:2014)

EN 61158-5-13:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-13: Application layer service definition – Type 13 elements (IEC 61158-5-13:2014)

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EN 61158-5-14:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-14: Application layer service definition – Type 14 elements (IEC 61158-5-14:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-14: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 14 (IEC 61158-5-14:2014)

EN 61158-5-19:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19 elements (IEC 61158-5-19:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-19: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 19 (IEC 61158-5-19:2014)

EN 61158-5-2:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-2: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 2 (IEC 61158-5-2:2014)

EN 61158-5-20:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-20: Application layer service definition – Type 20 elements (IEC 61158-5-20:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-20: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 20 (IEC 61158-5-20:2014)

EN 61158-5-22:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-22: Application layer service definition – Type 22 elements (IEC 61158-5-22:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-22: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 22 (IEC 61158-5-22:2014)

EN 61158-5-23:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23 elements (IEC 61158-5-23:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-23: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 23 (IEC 61158-5-23:2014)

EN 61158-5-24:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type-24 elements (IEC 61158-5-24:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-24: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 24 (IEC 61158-5-24:2014)

EN 61158-5-3:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-3: Application layer service definition – Type 3 elements (IEC 61158-5-3:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-3: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 3 (IEC 61158-5-3:2014)

EN 61158-5-4:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements (IEC 61158-5-4:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-4: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 4 (IEC 61158-5-4:2014)

EN 61158-5-5:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-5: Application layer service definition – Type 5 elements (IEC 61158-5-5:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-5: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 5 (IEC 61158-5-5:2014)

EN 61158-5-9:2014 en

Industrial communication networks – Fieldbus specifications – Part 5-9: Application layer service definition – Type 9 elements (IEC 61158-5-9:2014)

Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 5-9: Definicija usluge aplikacijskog sloja OSI referentnog modela – Elementi tipa 9 (IEC 61158-5-9:2014)

EN 61158-6-10:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-10:
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(IEC 61158-6-10:2014)

EN 61158-6-12:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-12: Application layer protocol specification – Type 12 elements (IEC 61158-6-12:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-12:
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EN 61158-6-13:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-13: Application layer protocol specification – Type 13 elements (IEC 61158-6-13:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-13:
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EN 61158-6-14:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-14: Application layer protocol specification – Type 14 elements (IEC 61158-6-14:2014)
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Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-19:
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(IEC 61158-6-19:2014)

EN 61158-6-2:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements (IEC 61158-6-2:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-2:
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(IEC 61158-6-2:2014)

EN 61158-6-20:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-20: Application layer protocol specification – Type 20 elements (IEC 61158-6-20:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-20:
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(IEC 61158-6-20:2014)

EN 61158-6-22:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-22: Application layer protocol specification – Type 22 elements (IEC 61158-6-22:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-22:
Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 22
(IEC 61158-6-22:2014)

EN 61158-6-23:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-23: Application layer protocol specification – Type 23 elements (IEC 61158-6-23:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-23:
Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 23
(IEC 61158-6-23:2014)

EN 61158-6-24:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-24: Application layer protocol specification – Type-24 Elements (IEC 61158-6-24:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-24:
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(IEC 61158-6-24:2014)

EN 61158-6-3:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-3: Application layer protocol specification – Type 3 elements (IEC 61158-6-3:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-3:
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EN 61158-6-4:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-4: Application layer protocol specification – Type 4 elements (IEC 61158-6-4:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-4:
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(IEC 61158-6-4:2014)

EN 61158-6-5:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-5: Application layer protocol specification – Type 5 elements (IEC 61158-6-5:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-5:
Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 5
(IEC 61158-6-5:2014)

EN 61158-6-9:2014 en

Industrial communication networks – Fieldbus specifications – Part 6-9: Application layer protocol specification – Type 9 elements (IEC 61158-6-9:2014)
Industrijske komunikacijske mreže – Specifikacije industrijske sabirnice (fieldbus) – Dio 6-9:
Specifikacija protokola aplikacijskog sloja OSI referentnog modela – Elementi tipa 9
(IEC 61158-6-9:2014)

EN 62714-1:2014 en

Engineering data exchange format for use in industrial automation systems engineering – Part 1:
Architecture and General Requirements (IEC 62714-1:2014)
Format razmjene tehničkih podataka za uporabu u upravljanju industrijskim automatizacijskim sustavima – 1. dio: Arhitektura i opći zahtjevi (IEC 62714-1:2014)

HZN/TO E69, Cestovna i industrijska električna vozila**FprEN 61851-21-1:2015 en**

Electric vehicle conductive charging system – Part 21-1: Electric vehicle onboard charger EMC requirements for conductive connection to an a.c./d.c. supply (IEC 61851-21-1:201X)
Sustav kontaktog punjenja električnih vozila – Dio 21-1: Zahtjevi za elektromagnetsku kompatibilnost punjača na električnom vozilu, za kontaktnu vezu na istosmjerno-izmjenični izvor
(IEC 61851-21-1:201X)

HN/T0 E72, Naprave za automatsko upravljanje u kućanstvu

EN 60730-1:2014/FprA1:2015 en

Automatic electrical controls – Part 1: General requirements (IEC 60730-1:2013/am1:201X)
Električne naprave za automatsko upravljanje – 1. dio: Opći zahtjevi (IEC 60730-1:2013/am1:201X)

HN/T0 E78, Rad pod naponom

prEN 60855-1 en

Live working – Insulating foam-filled tubes and solid rods – Part 1: Tubes and rods of a circular cross-section (IEC 60855-1:201X)

Rad pod naponom – Izolacijske cijevi punjene pjenom i krute motke – 1. dio: Cijevi i motke kružnog presjeka (IEC 60855-1:201X)

FprEN 61057:2014 en

Live working – Insulating aerial devices for mounting on a chassis (IEC 61057:201X)

Rad pod naponom – Izolacijske nadzemne platforme za postavljanje na okvir (IEC 61057:201X)

EN 61243-3:2014 en

Live working – Voltage detectors – Part 3: Two-pole low-voltage type

Rad pod naponom – Indikator napona – 3. dio: Niskonaponski dvopolni tip

HN/T0 E88, Vjetroagregati

FprEN 61400-13:2015 en

Wind turbines – Part 13: Measurement of mechanical loads (IEC 61400-13:201X)

Vjetroagregati – 13. dio: Mjerenje mehaničkih opterećenja (IEC 61400-13:201X)

HN/T0 E100, Audio, video i multimedijski sustavi te njihova oprema

EN 50607:2015 en

Satellite signal distribution over a single coaxial cable – Second generation

Raspodjela satelitskog signala pomoću jednostrukoga koaksijalnog kabela – Druga generacija

FprEN 60728-101:2015 en

Cable networks for television signals, sound signals and interactive services – Part 101: System performance of forward paths with all-digital channels load (TA/5) (IEC 60728-101:201X)

FprEN 62605:2015 en

Multimedia systems and equipment – Multimedia e-publishing and e-books technologies – Interchange format for e-dictionaries (IEC 62605:201X)

Multimedijski sustavi i oprema – Multimedijsko e-izdavaštvo i e-knjige – Format međusobne izmjene za e-riječnike (IEC 62605:201X)

FprEN 62665:2015 en

Multimedia systems and equipment – Multimedia e-publishing and e-books technologies – Texture map for auditory presentation of printed texts (IEC 62665:201X)

Multimedijski sustavi i oprema – Multimedijsko e-izdavaštvo i tehnologije e-knjiga – Mapa strukture za audio izlaganje tiskanih tekstova (IEC 62665:201X)

HN/T0 E103, Odašiljačka oprema za radiokomunikacije

FprEN 62802:2015 en

Measurement Method of a Half-Wavelength Voltage and a Chirp Parameter for Mach-Zehnder Optical Modulator in High-Frequency Radio on Fibre (RoF) Systems (IEC 62802:201X)
Metoda mjerena naponu polovine valne duljine i Chirp parametar za Mach-Zehnder optički modulator kod visokofrekvencijskih radijskih sustava po optičkom vlaknu (RoF) (IEC 62802:201X)

HN/T0 E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

FprEN 60950-22:2014 en

Information Technology Equipment – Safety – Part 22: Equipment to be installed outdoors (IEC 60950-22:201X)
Oprema informacijske tehnologije – Sigurnost – 22. dio: Oprema koja se postavlja vani (IEC 60950-22:201X)

FprEN 60990:2014 en

Methods of measurement of touch current and protective conductor current (IEC 60990:201X)
Metode mjerena struje dodira i struje zaštitnog vodiča (IEC 60990:201X)

prEN 62441 en

Safeguards against accidentally caused candle flame ignition (IEC 62441:201X)
Zaštitne mjere protiv slučajnog zapaljenja plamenom svijeće (IEC 62441:201X)

FprEN 62911:2015 en

Audio, video and information technology equipment – Routine electrical safety testing in production (IEC 62911:201X)

HN/T0 E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

FprEN 61000-1-2:2015 en

Electromagnetic compatibility (EMC) – Part 1-2: General – Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena (IEC 61000-1-2:201X)
Elektromagnetska kompatibilnost (EMC) – Dio 1-2: Općenito – Metodologija za postizanje funkcionalne sigurnosti električnih i elektroničkih sustava uključujući opremu koja se odnosi na elektromagnetske pojave (IEC 61000-1-2:201X)

EN 61000-4-13:2002/FprA2:2015 en

Electromagnetic compatibility (EMC) – Part 4-13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests (IEC 61000-4-13:2002/am2:201X)
Elektromagnetska kompatibilnost (EMC) – Dio 4-13: Ispitne i mjerne tehnike – Ispitivanje otpornosti na harmonike i međuharmonike uključujući mrežnu dojavu na niskofrekvencijskom mrežnom priključku (IEC 61000-4-13:2002/am2:201X)

EN 61000-4-16:1998/FprA3:2015 en

Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (IEC 61000-4-16:1998/am3:201X)
Elektromagnetska kompatibilnost (EMC) – Dio 4-16: Ispitne i mjerne tehnike – Ispitivanje otpornosti na vodljive asimetrične smetnje u frekvencijskome opsegu od 0 Hz do 150 kHz (IEC 61000-4-16:1998/am3:201X)

HN/T0 T4, Normizacija u telekomunikacijama

Draft EN 300 119-6 V1.0.0:2014 en

Environmental Engineering (EE) – European telecommunication standard for equipment practice – Part 6: Engineering requirements for harmonized racks and cabinets with extended features
Ekoinženjering (EE) – Europska telekomunikacijska norma za praktičnu primjenu opreme – 6. dio: Inženjerski zahtjevi za usklađene nosive okvire i kabinete s proširenim svojstvima

Draft EN 300 119-7 V1.0.0:2014 en

Environmental Engineering (EE) – European telecommunication standard for equipment practice – Part 7: Engineering requirements for Subracks in harmonized racks and cabinets with extended features
Ekoinženjering (EE) – Europska telekomunikacijska norma za praktičnu primjenu opreme – 7. dio: Inženjerski zahtjevi za pod-okvire u usklađenim nosivim okvirima i kabinetima s proširenim svojstvima

Final draft EN 300 328 V1.9.0:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Wideband transmission systems – Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Širokopojasni prijenosni sustavi – Oprema za prijenos podataka koja radi u ISM pojasu 2,4 GHz s modulacijskim tehnikama širokog pojasa – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direkture R&TTE

Final draft EN 300 330-1 V1.8.1:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz – Part 1: Technical characteristics and test methods
Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa (SRD) – Radijska oprema u uporabi u frekvencijskom području 9 kHz do 25 MHz i sustavima induktivne petlje u frekvencijskom području 9 kHz do 30 MHz – 1. dio: Tehničke karakteristike i metode ispitivanja

Draft EN 300 392-12-22 V1.3.3:2014 en

Terrestrial Trunked Radio (TETRA) – Voice plus Data (V+D) – Part 12: Supplementary services stage 3 – Sub-part 22: Dynamic Group Number Assignment (DGNA)
Terestrijalni međumjesni radio (TETRA) – Glas plus Podatci (V+D) – 12. dio: Dopunske usluge 3. stupnja – Poddio 22: Dinamička dodjela skupnog broja (DGNA)

Draft EN 394-1 V3.3.0:2014 en

Terrestrial Trunked Radio (TETRA) – Conformance testing specification – Part 1: Radio
Terestrijalni trunking radio (TETRA) – Specifikacija ispitivanja usklađenosti – 1. dio: Radio

Draft EN 301 502 V12.0.1:2014 en

Global System for Mobile communications (GSM) – Harmonized EN for Base Station Equipment covering the essential requirements of article 3.2 of the R&TTE Directive
Globalni sustav pokretnih komunikacija (GSM) – Harmonizirana europska norma za opremu bazne postaje koja obuhvaća bitne zahtjeve iz članka 3.2 direkture R&TTE

Draft EN 301 649 V2.3.0:2014 en

Digital Enhanced Cordless Telecommunications (DECT) – DECT Packet Radio Service (DPRS)
Digitalne poboljšane bežične telekomunikacije (DECT) – Paketna radijska usluga (DPRS)

Draft EN 301 841-1 V1.4.0:2014 en

VHF air-ground Digital Link (VDL) Mode 2 – Technical characteristics and methods of measurement for ground-based equipment – Part 1: Physical layer and MAC sub-layer
Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 2 – Tehničke značajke i mjerne metode za opremu na tlu – 1. dio: Fizički sloj i podsloj MAC

Draft EN 301 841-3 V1.2.0:2014 en

VHF air-ground Digital Link (VDL) Mode 2 – Technical characteristics and methods of measurement for ground-based equipment – Part 3: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 2 – Tehničke značajke i mjerne metode za opremu na tlu – 3. dio: Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2. direktive R&TTE

Draft EN 301 842-1 V1.4.0:2014 en

VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 1: EN for ground equipment

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 4 – Tehničke značajke i mjerne metode za opremu na tlu – 1. dio: Europska norma za opremu na tlu

Draft EN 301 842-2 V1.7.0:2014 en

VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 2: General description and data link layer

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 4 – Tehničke značajke i mjerne metode za opremu na tlu – 2. dio: Opći opis i sloj podatkovne veze

Draft EN 301 842-3 V1.4.0:2014 en

VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 3: Additional broadcast aspects

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 4 – Tehničke značajke i mjerne metode za opremu na tlu – 3. dio: Dodatni vidovi radiodifuzije

Draft EN 301 842-4 V1.3.0:2014 en

VHF air-ground Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for ground-based equipment – Part 4: Point-to-point functions

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo, mod 4 – Tehničke značajke i mjerne metode za opremu na tlu – 4. dio: Funkcije točka-točka

Draft EN 301 908-1 V7.0.1:2014 en

IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 1: Introduction and common requirements

Celularne mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 1. dio: Uvod i opći zahtjevi

Draft EN 301 908-14 V7.0.1:2014 en

IMT cellular networks – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Stations (BS)

Celularne mreže IMT – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direktive R&TTE – 14. dio: Bazne postaje za razvijeni univerzalni terestrijalni radijski pristup (E-UTRA)

Final draft EN 302 208-1 V2.1.1:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W – Part 1: Technical requirements and methods of measurement

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Oprema za radiofrekvencijsku identifikaciju u pojasu od 865 MHz do 868 MHz s razinom snage do 2 W i u pojasu od 915 MHz do 921 MHz s razinom snage do 4 W – 1. dio: Tehnički zahtjevi i mjerne metode

Final draft EN 302 208-2 V2.1.1:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Oprema za radiofrekvencijsku identifikaciju u pojasu od 865 MHz do 868 MHz s razinom snage do 2 W i u pojasu od 915 MHz do 921 MHz s razinom snage do 4 W – 2. dio: Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direkture R&TTE

EN 302 217-2-1 V2.1.1:2014 en

Fixed Radio Systems – Characteristics and requirements for point-to-point equipment and antennas – Part 2-1: System-dependent requirements for digital systems operating in frequency bands where frequency co-ordination is applied

Nepokretni radijski sustavi – Značajke i zahtjevi za opremu i antene točka-točka – Dio 2-1: Zahtjevi ovisni o sustavu za digitalne sustave koji djeluju u frekvencijskim pojasovima u kojima se primjenjuje koordinacija frekvencija

Draft EN 302 307-2 V1.1.1:2014 en

Digital Video Broadcasting (DVB) – Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications – Part 2: DVB-S2 Extensions (DVB-S2X)

Digitalna radijska videodifuzija (DVB) – Druga generacija strukture okvira, kodiranje kanala i modulacijski sustavi za radiodifuziju, interaktivne usluge, prikupljanje novosti i druge širokopojasne satelitske primjene – 2. dio: DVB-S2 Proširenja (DVB-S2X)

Draft EN 302 842-1 V1.3.0:2014 en

VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 1: Physical layer
Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo i zrak-zrak, mod 4 – Tehničke značajke i mjerne metode za aeronautičku pokretnu (zrakoplovnu) opremu – 1. dio: Fizički sloj

Draft EN 302 842-2 V1.4.0:2014 en

VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 2: General description and data link layer

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo i zrak-zrak, mod 4 – Tehničke značajke i mjerne metode za aeronautičku pokretnu (zrakoplovnu) opremu – 2. dio: Opći opis i sloj podatkovne veze

EN 302 842-3 V1.4.0:2014 en

VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 3: Additional broadcast aspects

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo i zrak-zrak, mod 4 – Tehničke značajke i mjerne metode za aeronautičku pokretnu (zrakoplovnu) opremu – 3. dio: Dodatni aspekti radiodifuzije

Draft EN 302 842-4 V1.3.0:2014 en

VHF air-ground and air-air Digital Link (VDL) Mode 4 radio equipment – Technical characteristics and methods of measurement for aeronautical mobile (airborne) equipment – Part 4: Point-to-point functions

Radijska oprema za VHF digitalnu vezu (VDL), zrak-tlo i zrak-zrak, mod 4 – Tehničke značajke i mjerne metode za aeronautičku pokretnu (zrakoplovnu) opremu – 4. dio: Funkcije točka-točka

Draft EN 303 131 V1.1.0:2014 en

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices – Wireless alarms with low duty cycle – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

Elektromagnetska kompatibilnost i radijski spektar (ERM) – Uređaji kratkoga dometa – Bežični alarmi s kratkim ciklusom djelovanja – Harmonizirana europska norma koja obuhvaća bitne zahtjeve iz članka 3.2 direkture R&TTE

Draft EN 303 215 V1.2.11:2014 en

Environmental Engineering (EE) – Measurement methods and limits for power consumption in broadband telecommunication networks equipment

Ekoinženjering (EE) – Granice i metode mjerjenja potrošnje snage opreme za širokopojasne telekomunikacijske mreže

Draft EN 319 403 V2.1.1:2014 en

Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – Requirements for conformity assessment bodies assessing Trust Service Providers

Elektronički potpisi i infrastrukture (ESI) – Procjena sukladnosti vjerodostojnjog davatelja usluga – Zahtjevi za tijela za ocjenu sukladnosti koja ocjenjuju vjerodostojnjog davatelja usluga

HZN/TU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1**prEN 13869 en**

Lighters – Child safety requirements for lighters – Safety requirements and test methods

Upaljači – Zahtjevi za sigurnost djece – Sigurnosni zahtjevi i metode ispitivanja

HZN/TU B1, Graditeljstvo 1**prEN 13200-8 en**

Spectator facilities – Part 8: Safety Management

Gledališta – 8.dio: Upravljanje sigurnošću

HZN/TU I2, Strojarstvo 2**FprEN ISO 3925 en**

Unsealed radioactive substances – Identification and documentation (ISO 3925:2014)

FprEN ISO 11665-1 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 1: Origins of radon and its short-lived decay products and associated measurement methods (ISO 11665-1:2012)

FprEN ISO 11665-2 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 2: Integrated measurement method for determining average potential alpha energy concentration of its short-lived decay products (ISO 11665-2:2012)

FprEN ISO 11665-3 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 3: Spot measurement method of the potential alpha energy concentration of its short-lived decay products (ISO 11665-3:2012)

FprEN ISO 11665-5 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 5: Continuous measurement method of the activity concentration (ISO 11665-5:2012)

FprEN ISO 11665-6 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 6: Spot measurement method of the activity concentration (ISO 11665-6:2012)

FprEN ISO 11665-7 en

Measurement of radioactivity in the environment – Air: radon-222 – Part 7: Accumulation method for estimating surface exhalation rate (ISO 11665-7:2012)

HN/TU S1, Zdravlje, okoliš i medicinska oprema 1

prEN ISO 7864 rev en

Sterile hypodermic needles for single use – Requirements and test methods (ISO/DIS 7864:2014)
Sterilne igle za potkožnu injekciju za jednokratnu upotrebu – Zahtjevi i metode ispitivanja (ISO/DIS 7864:2014)

prEN ISO 9173-1 en

Dentistry – Extraction forceps – Part 1: General requirements (ISO/DIS 9173-1:2015)
Stomatologija – Kliješta za ekstrakciju – 1. dio: Opći zahtjevi (ISO/DIS 9173-1:2015)

CEN/TR 12401:2009 en

Dentistry – Guidance on the classification of dental devices and accessories
Stomatologija – Upute za razvrstavanje stomatoloških naprava i pribora

prEN ISO 18556 en

Dentistry – Intraoral spatulas (ISO/DIS 18556:2014)
Stomatologija – Intraoralne špatule (ISO/DIS 18556:2014)

prEN ISO 18559 en

Dentistry – Extraoral spatulas for mixing dental cements (ISO/DIS 18559:2015)
Stomatologija – Ekstraoralne špatule za miješanje zubnog cementa (ISO/DIS 18559:2015)

HN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

FprEN 2591-227 en

Aerospace series – Elements of electrical and optical connection – Test methods – Part 227: Partial discharges test

EN 2593-001:2014 en

Aerospace series – Bases for 10 A electromagnetic plug-in relays, two and four poles double throw – Part 001: Technical specification

EN 2997-009:2014 en

Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 009: Protective cover for receptacle – Product standard
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatu ili neotporne na vatu, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – 009. dio: Zaštitni omotač za utičnicu – Norma za proizvod

EN 2997-010:2014 en

Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 010: Protective cover for plug – Product standard
Nizovi o zrakoplovstvu – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatu ili neotporne na vatu, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – 010. dio: Zaštitni omotač za utikač – Norma za proizvod

EN 3545-005:2014 en

Aerospace series – Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C – Part 005: Female coding and attachment System for mounting on free housing (plug) – Product standard
Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, zabrtvljene ili nezabrtvljene sa zadnje strane, plastično kućište, uređaj za osiguranje, radne temperature od -55 °C do 175 °C – 005. dio: Žensko kodiranje i priključni sustav za ugradnju na slobodno kućište (utikač) – Norma za proizvod

EN 3545-007:2014 en

Aerospace series – Connectors, electrical, rectangular, with sealed and non-sealed rear, plastic housing, locking device, operating temperatures -55 °C to 175 °C – Part 007: Cable clamp – Product standard

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, zabrtvljene ili nezabrtvljene sa zadnje strane, plastično kućište, uređaj za osiguranje, radne temperature od -55 °C do 175 °C – 007. dio: Držač kabela – Norma za proizvod

EN 3716-004:2014 en

Aerospace series – Connectors, single-way with triaxial interface for transmission of digital data – Part 004: Solder plug and terminator – Product standard

EN 3825:2014 en

Aerospace series – Fluorosilicone rubber (FVMQ) – Hardness 60 IRHD

EN 3826:2014 en

Aerospace series – Fluorosilicone rubber (FVMQ) – Hardness 70 IRHD

EN 3827:2014 en

Aerospace series – Fluorosilicone rubber (FVMQ) – Hardness 80 IRHD

EN 4056-004:2014 en

Aerospace series – Cable ties for harnesses – Part 004: Plastic cable ties – For operating temperatures -55 °C to 105 °C and -55 °C to 150 °C – Product standard

FprEN 4165-001 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 001. dio: Tehnička specifikacija

FprEN 4165-002 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 002. dio: Specifikacije značajki i položaj kontakata

FprEN 4165-003 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 003: Modules series 2 and series 3 – Product standard

Nizovi o zrakoplovstvu – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – 003. dio: Moduli serije 2 i serije 3 – Norma za proizvod

FprEN 4165-015 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 015: Round chimney for accessory (1 per module cavity), 2 and 4 modules – Product standard

FprEN 4165-018 en

Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 018: Protective cover for all receptacles series 2 – Product standard

EN 4550-1:2014 en

Aerospace series – Pipe coupling, 37° – Design configuration – Inch series – Part 1: Male sealing ends, spherical

Nizovi o zrakoplovstvu – Cijevni priključak, 37° – Konfiguracija oblikovanja – Nizovi u inčima – 1. dio: Muški krajevi za brtvljenje, kuglasti

EN 4550-4:2014 en

Aerospace series – Pipe coupling, 37° – Design configuration – Inch series – Part 4: Female sealing ends
Nizovi o zrakoplovstvu – Cijevni priključak, 37° – Konfiguracija oblikovanja – Nizovi u inčima – 4. dio:
Ženski krajevi za brtvljenje

EN 4701-001:2014 en

Aerospace series – Connectors, optical, rectangular, modular, operating temperature 125 °C, for
EN 4531-101 contacts – Part 001: Technical specification
Nizovi o zrakoplovstvu – Spojnice, optičke, kvadratne, modularne, radne temperature 125 °C, spojnice
za EN 4531-101 – 001. dio: Tehničke specifikacije

FprEN 4710-001 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 001:
Technical specification

FprEN 4710-002 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 002: Spring
clamp stud combination

FprEN 4710-003 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 003: Spring
clamp

FprEN 4710-004 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 004: Spring
clamp – One way tolerance compensation

FprEN 4710-005 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 005: Spring
clamp – Two ways tolerance compensation

FprEN 4710-006 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 006: Stud -
quick-release and locking

FprEN 4710-007 en

Aerospace series – Quick release fastening systems for non-structural applications – Part 007:
Retaining grommet

EN 4826:2014 en

Aerospace series – Zinc-Nickel (12 %-16 % Ni) plating of steels with specified tensile strength ≤ 1 450
MPa, copper alloys, nickel alloys and aluminium alloys for parts and fasteners

EN 6049-005:2014 en

Aerospace series – Electrical cables, installation – Protection sleeve in meta-aramid fibres – Part 005:
Sleeve flexible, post installation – Product standard

EN 6059-308:2014 en

Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 308:
Rapid change of temperature

EN 6059-502:2014 en

Aerospace series – Electrical cables, installation – Protection sleeves – Test methods – Part 502:
Resistance to electrical arcs
Nizovi o zrakoplovstvu – Električni kabeli, ugradnja – Zaštitne navlake – Metode ispitivanja – 502. dio:
Otpornost na električne lukove

FprEN 9101 rev en

Quality Management Systems – Audit Requirements for Aviation, Space, and Defence Organisations
Sustavi upravljanja kvalitetom – Zahtjevi za audit za zrakoplovstvo, organizacije za svemir i obranu

EN 9103:2014 en

Aerospace series – Quality management systems – Variation management of key characteristics
Nizovi o zrakoplovstvu – Sustavi upravljanja kvalitetom – Promjene upravljanja glavnim značajkama

EN 9320:2014 en

Aerospace series – Programme Management – General guidelines for acquisition and supply of open systems

HN/TU U1, Opća elektrotehnika 1**FprEN 60909-0:2014 en**

Short-circuit currents in three-phase a.c. systems – Part 0: Calculation of currents (IEC 60909-0:201X)
Struje kratkog spoja u trofaznim izmjeničnim sustavima – 0. dio: Proračun struja (IEC 60909-0:201X)

FprEN 61788-4:2015 en

Superconductivity – Part 4: Residual resistance ratio measurement – Residual resistance ratio of

Nb-Ti and Nb₃Sn composite superconductors (IEC 61788-4:201X)

Supravodljivost – 4. dio: Preostalo mjerjenje omjera otpora – Preostali omjer otpora Nb-Ti i Nb₃Sn kompozitnih supravodiča (IEC 61788-4:201X)

FprEN 62822-1:2014 en

Assessment of electric welding equipment related to restrictions of human exposure to electromagnetic fields (0 Hz - 300 GHz) – Part 1: Product family standard (IEC 62822-1:201X)

Procjena električne opreme za zavarivanje u vezi s ograničenjima izloženosti ljudi elektromagnetskim poljima (0 Hz - 300 GHz) – 1. dio: Norma porodice proizvoda (IEC 62822-1:201X)

FprEN 62822-1:2014/FprAA:2015 en

Assessment of electric welding equipment related to restrictions of human exposure to electromagnetic fields (0 Hz - 300 GHz) – Part 1: Product family standard

Procjena električne opreme za zavarivanje u vezi s ograničenjima izloženosti ljudi elektromagnetskim poljima (0 Hz - 300 GHz) – 1. dio: Norma porodice proizvoda

FprEN 62822-2:2014 en

Assessment of electric welding equipment related to restrictions of human exposure to electromagnetic fields (0 Hz - 300 GHz) – Part 2: Basic standard for arc welding equipment (IEC 62822-2:201X)

Procjena električne opreme za zavarivanje u vezi s ograničenjima izloženosti ljudi elektromagnetskim poljima (0 Hz - 300 GHz) – 2. dio: Osnovna norma za opremu za elektrolučno zavarivanje (IEC 62822-2:201X)

HN/TU V1, Elektronika 1**EN 50289-3-8:2013 en**

Communication cables – Specifications for test methods – Part 3-8: Mechanical test methods – Abrasion resistance of cable sheath markings

prEN 50411-3-4:2014 en

Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-4: Fibre management system, modular splice and connector wall box, for category C & A

FprEN 60195:2014 en

Method of measurement of current noise generated in fixed resistors (IEC 60195:201X)

FprEN 60384-14-1:2014 en

Fixed capacitors for use in electronic equipment – Part 14-1: Blank detail specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level DZ (IEC 60384-14-1:201X)

FprEN 60384-14-2:2015 en

Fixed capacitors for use in electronic equipment – Part 14-2: Blank detail specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Safety tests only (IEC 60384-14-2:201X)

EN 60794-3:2015 en

Optical fibre cables – Part 3: Sectional specification – Outdoor cables (IEC 60794-3:2014)

FprEN 61300-2-37:2015 en

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-37: Tests – Cable bending for fibre optic closures (IEC 61300-2-37:201X)

EN 61340-4-4:2012/A1:2015 en

Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC) (IEC 61340-4-4:2012/am1:2014)

FprEN 61753-381-2:2014 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 381-2: Cyclic Arrayed Waveguide Grating for category C - Controlled environment (IEC 61753-381-2:201X)

FprEN 61753-381-6:2014 en

Fibre optic interconnecting devices and passive components – Performance standard – Part 381-6: Cyclic Arrayed Waveguide Grating for category O – Uncontrolled environment (IEC 61753-381-6:201X)

FprEN 61754-31:2015 en

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 31: Type N-FO connector family (IEC 61754-31:201X)

FprEN 62108:2015 en

Concentrator photovoltaic (CPV) modules and assemblies – Design qualification and type approval (IEC 62108:201X)

EN 62148-18:2015 en

Fibre optic active components and devices – Package and interface standards – Part 18: 40-Gbit/s serial transmitter and receiver components for use with the LC connector interface (IEC 62148-18:2014)

FprEN 62326-20:2014 en

Printed boards – Part 20: Printed circuit board for high-brightness LEDs (IEC 62326-20:201X)

FprEN 62830-1:2014 en

Semiconductor devices – Semiconductor devices for energy harvesting and generation – Part 1: Vibration based piezoelectric energy harvesting (IEC 62830-1:201X)

HZN/TU W1, Energetska elektrotehnika 1

EN 62146-1:2014/FprA1:2015 en

Grading capacitors for high-voltage alternating current circuit-breakers – Part 1: General (IEC 62146-1:2013/am1:201X)

FprEN 62841-3-4:2015 en

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:201X)

FprEN 62841-4-1:2015 en

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:201X)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za norme donosi odluku o povlačenju hrvatske norme kada je donesena nova hrvatska norma ili kada je postojeća hrvatska norma postala neprimjenjiva. Kada je koje područje uređeno propisima i neki od propisa (pravilnik, naredba, naputak) upućuje na norme koje su povučene, one se primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 6, Papir, karton i pulpe

HRN ISO 4046-1:2002 en

Papir, karton, pulpa i srodnii nazivi – Rječnik – 1. dio: Abecedno kazalo (ISO 4046-1:2002)
Paper, board, pulp and related terms – Vocabulary – Part 1: Alphabetical index (ISO 4046-1:2002)
- bez zamjene

HRN ISO 4046-2:2002 en

Papir, karton, pulpa i srodnii nazivi – Rječnik – 2. dio: Nazivlje koje se upotrebljava u proizvodnji pulpe (ISO 4046-2:2002)
Paper, board, pulp and related terms – Vocabulary – Part 2: Pulping terminology (ISO 4046-2:2002)
- bez zamjene

HRN ISO 4046-3:2002 en

Papir, karton, pulpa i srodnii nazivi – Rječnik – 3. dio: Nazivlje koje se upotrebljava u proizvodnji papira (ISO 4046-3:2002)
Paper, board, pulp and related terms – Vocabulary – Part 3: Paper-making terminology (ISO 4046-3:2002)
- bez zamjene

HRN ISO 4046-4:2002 en

Papir, karton, pulpa i srodnii nazivi – Rječnik – 4. dio: Vrste papira i kartona i proizvoda prerade (ISO 4046-4:2002)
Paper, board, pulp and related terms – Vocabulary – Part 4: Paper and board grades and converted products (ISO 4046-4:2002)
- bez zamjene

HRN ISO 4046-5:2002 en

Papir, karton, pulpa i srodnii nazivi – Rječnik – 5. dio: Svojstva pulpe, papira i kartona (ISO 4046-5:2002)
Paper, board, pulp and related terms – Vocabulary – Part 5: Properties of pulp, paper and board (ISO 4046-5:2002)
- bez zamjene

HRN ISO 5636-2:2002 en

Papir i karton – Određivanje propusnosti zraka (srednji opseg) – 2. dio: Schopperova metoda (ISO 5636-2:1984)
Paper and board: Determination of air permeance (medium range) – Part 2: Schopper method (ISO 5636-2:1984)
- bez zamjene

HZN/TO 8, Brodogradnja

HRN EN ISO 8728:2004 en

Brodovi i pomorska tehnologija – Brodski zvrčni kompasi (ISO 8728:1997; EN ISO 8728:1998)
Ships and marine technology – Marine gyro-compasses (ISO 8728:1997; EN ISO 8728:1998)
- zamijenjena s: HRN ISO 8728:2015

HRN EN ISO 10239:2008 en

Mala plovila – Sustav ukapljenih naftnih plinova (ISO 10239:2008; EN ISO 10239:2008)

Small craft – Liquefied petroleum gas (LPG) systems (ISO 10239:2008; EN ISO 10239:2008)

- zamijenjena s: HRN EN ISO 10239:2015

HRN EN ISO 13297:2013 en

Mala plovila – Električni sustavi – Instalacije za izmjeničnu struju (ISO 13297:2012;

EN ISO 13297:2012)

Small craft – Electrical systems – Alternating current installations (ISO 13297:2012;

EN ISO 13297:2012)

- zamijenjena s: HRN EN ISO 13297:2015

HRN ISO 16328:2002 en

Brodovi i pomorska tehnologija – Zvrčni kompas za brza plovila (ISO 16328:2001)

Ships and marine technology – Gyro-compasses for high-speed craft (ISO 16328:2001)

- zamijenjena s: HRN ISO 16328:2015

HRN ISO 22090-1:2004 en

Brodovi i pomorska tehnologija – Uređaji za prijenos kursa – 1. dio: Zvrčni kompasi (ISO 22090-1:2002)

Ships and marine technology – Transmitting heading devices (THDs) – Part 1: Gyro-compasses (ISO 22090-1:2002)

- zamijenjena s: HRN ISO 22090-1:2015

HRS ISO/PAS 28004-2:2014 en

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 2. dio:

Smjernice za prihvaćanje ISO 28000 za uporabu u aktivnostima u srednjim i malim morskim lukama (ISO/PAS 28004-2:2012)

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000

– Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations (ISO/PAS 28004-2:2012)

- zamijenjena s: HRN ISO 28004-2:2015

HRS ISO/PAS 28004-3:2014 en

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 3. dio: Dodatne posebne upute za prihvaćanje ISO 28000 za uporabu od strane srednjih i malih poduzeća (osim morskih luka) (ISO/PAS 28004-3:2012)

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000 – Part 3: Additional specific guidance for adopting ISO 28000 for use by medium and small businesses (other than marine ports) (ISO/PAS 28004-3:2012)

- zamijenjena s: HRN ISO 28004-3:2015

HRS ISO/PAS 28004-4:2014 en

Sustavi upravljanja sigurnošću opskrbnog lanca – Smjernice za primjenu ISO 28000 – 4. dio: Dodatne posebne upute za primjenu ISO 28000 ako je sukladnost s ISO 28001 cilj uprave (ISO/PAS 28004-4:2012)

Security management systems for the supply chain – Guidelines for the implementation of ISO 28000

– Part 4: Additional specific guidance on implementing ISO 28000 if compliance with ISO 28001 is a management objective (ISO/PAS 28004-4:2012)

- zamijenjena s: HRN ISO 28004-4:2015

HZN/TO 21, Protupožarna i vatrogasna oprema**HRN DIN VDE 0833-1:2013 de**

Sustavi za uzbunjivanje zbog požara, provale i prepada – 1. dio: Opći zahtjevi (DIN VDE 0833-1:2009)

Gefahrenmeldeanlagen für Brand, Einbruch und Überfall – Teil 1: Allgemeine Festlegungen

(DIN VDE 0833-1:2009)

- zamijenjena s: HRN DIN VDE 0833-1:2015

HRN DIN 14675:2005 de

Sustavi za otkrivanje i dojavu požara – Ugradba i djelovanje (DIN 14675:2003)

Brandmeldeanlagen – Aufbau und Betrieb (DIN 14675:2003)

- zamijenjena s: HRN DIN 14675:2015

HRN DIN 14678:1997 de

Ručni detektor požara K za primjenu u eksplozijom ugroženim pogonskim prostorijama (DIN 14678:1979)

Manual call point K – Explosion proof for use in operation rooms (DIN 14678:1979)

- zamijenjena s: HRN DIN 14678:2015

HZN/TO 23, Traktori i strojevi za poljoprivredu i šumarstvo**HRN ISO 3463:2001 en**

Traktori s kotačima za poljoprivredu i šumarstvo – Zaštitne konstrukcije – Dinamička metoda ispitivanja (ISO 3463:1989+A1:1998)

Wheeled tractors for agriculture and forestry – Protective structures – Dynamic test method and acceptance conditions (ISO 3463:1989+A1:1998)

- zamijenjena s: HRN ISO 3463:2015

HRN ISO 5008:2001 en

Poljoprivredni traktori s kotačima i poljska mehanizacija – Mjerenje vibracija koje se prenose na cijelo tijelo rukovatelja (ISO 5008:1979)

Agricultural wheeled tractors and field machinery – Measurement of whole-body vibration of the operator (ISO 5008:1979)

- zamijenjena s: HRN ISO 5008:2015

HRN ISO 5700:2001 en

Traktori s kotačima za poljoprivredu i šumarstvo – Zaštitne konstrukcije – Statička metoda ispitivanja (ISO 5700:1989+A1:1998)

Wheeled tractors for agriculture and forestry – Protective structures – Static test method and acceptance conditions (ISO 5700:1989+A1:1998)

- zamijenjena s: HRN ISO 5700:2015

HRN ISO 10625:2001 en

Oprema za zaštitu bilja – Mlaznice prskalica – Označivanje bojom u svrhu raspoznavanja (ISO 10625:1996+Cor 1:1998)

Equipment for crop protection – Sprayer nozzles – Colour coding for identification (ISO 10625:1996+Cor 1:1998)

- zamijenjena s: HRN ISO 10625:2015

HRN EN 15811:2010 en

Poljoprivredna mehanizacija – Štitnici pokretnih dijelova za prijenos snage – Štitnici koji se otvaraju pomoću alata (ISO/TS 28923:2007, MOD; EN 15811:2009)

Agricultural machinery – Guards for moving parts of power transmission – Guard opening with tool (ISO/TS 28923:2007, MOD; EN 15811:2009)

- zamijenjena s: HRN EN 15811:2015

HRN EN 15811:2010/Ispr.1:2011 en

Poljoprivredna mehanizacija – Štitnici pokretnih dijelova za prijenos snage – Štitnici koji se otvaraju pomoću alata (EN 15811:2009/AC:2010)

Agricultural machinery – Guards for moving parts of power transmission – Guard opening with tool (EN 15811:2009/AC:2010)

- zamijenjena s: HRN EN 15811:2015

HNZ/TO 25, Ljevarstvo

HRN EN 1371-2:2001 en

Ljevarstvo – Ispitivanje tekućim penetrantima – 2. dio: Precizno lijevani odljevci (EN 1371-2:1998)

Founding – Liquid penetrant inspection – Part 2: Investment castings (EN 1371-2:1998)

- zamijenjena s: HRN EN 1371-2:2015

HRN EN 10293:2007 en

Čelični odljevci za opću inženjersku uporabu (EN 10293:2005)

Steel castings for general engineering uses (EN 10293:2005)

- zamijenjena s: HRN EN 10293:2015

HRN EN 10293:2007/Ispr.1:2008 en

Čelični odljevci za opću inženjersku uporabu (EN 10293:2005/AC:2008)

Steel castings for general engineering uses (EN 10293:2005/AC:2008)

- zamijenjena s: HRN EN 10293:2015

HNZ/TO 28, Naftni proizvodi i maziva

HRI CEN/TR 15367-1:2009 en

Naftni proizvodi – Uputa za ispravno postupanje – 1. dio: Dizelska goriva (CEN/TR 15367-1:2007)

Petroleum products – Guide for good housekeeping – Part 1: Automotive diesel fuels (CEN/TR 15367-1:2007)

- zamijenjena s: HRI CEN/TR 15367-1:2014

HNZ/TO 34/PO 4, Poljoprivredni i prehrambeni proizvodi; Žito i proizvodi od žita

HRN ISO 5530-1:2013 en

Pšenično brašno – Fizikalna svojstva tjestova – 1. dio: Određivanje apsorpcije vode i reoloških svojstava farinografom (ISO 5530-1:2013)

Wheat flour – Physical characteristics of doughs – Part 1: Determination of water absorption and rheological properties using a farinograph (ISO 5530-1:2013)

- zamijenjena s: HRN EN ISO 5530-1:2015

HRN ISO 5530-2:1999 en

Pšenično brašno – Fizikalna svojstva tjestova – 2. dio: Određivanje reoloških svojstava ekstenzografom (ISO 5530-2:1997)

Wheat flour – Physical characteristics of doughs – Part 2: Determination of rheological properties using an extensograph (ISO 5530-2:1997)

- zamijenjena s: HRN EN ISO 5530-2:2015

HRN ISO 17715:2013 en

Pšenično brašno (Triticum aestivum L.) – Amperometrijska metoda mjerenja oštećenja škroba (ISO 17715:2013)

Flour from wheat (Triticum aestivum L.) – Amperometric method for starch damage measurement (ISO 17715:2013)

- zamijenjena s: HRN EN ISO 17715:2015

HRN ISO 17718:2013 en

Neprosijano i pšenično brašno (Triticum aestivum L.) – Određivanje reoloških karakteristika kao funkcije miješanja i povećanja temperature (ISO 17718:2013)

Wholemeal and flour from wheat (Triticum aestivum L.) – Determination of rheological behaviour as a function of mixing and temperature increase (ISO 17718:2013)

- zamijenjena s: HRN EN ISO 17718:2015

HZN/TO 44, Zavarivanje i srodnii postupci

HRN EN ISO 14919:2002 en

Toplinsko naštrcavanje – Žice, šipke i pletena žica za naštrcavanje pomoću plinskog plamena ili električnog luka – Razredba; tehnički uvjeti isporuke (ISO 14919:2001; EN ISO 14919:2001)
Thermal spraying – Wires, rods and cords for flame and arc spraying – Classification; Technical supply conditions (ISO 14919:2001; EN ISO 14919:2001)

- zamijenjena s: HRN EN ISO 14919:2015

HRN EN ISO 14920:2002 en

Toplinsko naštrcavanje – Naštrcavanje i spajanje legura koje sadrže talilo (ISO 14920:1999; EN ISO 14920:1999)
Thermal spraying – Spraying and fusing of self-fluxing alloys (ISO 14920:1999; EN ISO 14920:1999)

- zamijenjena s: HRN EN ISO 14920:2015

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRN ISO 10161-1:1998 en

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Protokol za primjenu u službi međuknjižnične posudbe – 1. dio: Specifikacija protokola (ISO 10161-1:1997)
Information and documentation – Open systems interconnection – Interlibrary Loan Application protocol specification – Part 1: Protocol specification (ISO 10161-1:1997)

- zamijenjena s: HRN ISO 10161-1:2015

HRN ISO 10161-1/Amd 1:2004 en

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Protokol za primjenu u službi međuknjižnične posudbe – 1. dio: Specifikacija protokola – AMANDMAN 1: Podrška za upotrebu identifikatora objekta u parametru "identifikator" podataka u proširenju (ISO 10161-1:1997/Amd 1:2002)
Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 1: Protocol specification – AMENDMENT 1: Support for Use of Object Identifier in "identifier" Parameter of the Extension Data (ISO 10161-1:1997/Amd 1:2002)

- zamijenjena s: HRN ISO 10161-1:2015

HRN ISO 10161-1/Amd 2:2004 en

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Protokol za primjenu u službi međuknjižnične posudbe – 1. dio: Specifikacija protokola – AMANDMAN 2: Dopuna dodatku I kojim se utvrđuje Nacionalna knjižnica Kanade kao služba za održavanje i autorizirana služba za registraciju (ISO 10161-1:1997/Amd 2:2002)
Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 1: Protocol Specification – AMENDMENT 2: Addition of annex I acknowledging the National Library of Canada as the Maintenance Agency and Registration Authority (ISO 10161-1:1997/Amd 2:2002)

- zamijenjena s: HRN ISO 10161-1:2015

HRN ISO 10161-2:1998 en

Informacije i dokumentacija – Međupovezivanje otvorenih sustava – Specifikacija protokola za primjenu međuknjižnične posudbe – 2. dio: Izjava o protokolu za usklađenost implementacije (PICS) (ISO 10161-2:1997)
Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 2: Protocol implementation conformance statement (PICS) (ISO 10161-2:1997)

- zamijenjena s: HRN ISO 10161-2:2015

HRN ISO 21127:2007 en

Informacije i dokumentacija – Referentna ontologija za razmjenu podataka o kulturnoj baštini (ISO 21127:2006)

Information and documentation – A reference ontology for the interchange of cultural heritage information (ISO 21127:2006)

- zamijenjena s: HRN ISO 21127:2015

HNZ/TO 89, Furniri idrvne ploče**HRS CEN/TS 12872:2011 en**

Ploče na osnovi drva – Smjernice za uporabu nosivih ploča za podove, zidove i krovove (CEN/TS 12872:2007)

Wood-based panels – Guidance on the use of load-bearing boards in floors, walls and roofs (CEN/TS 12872:2007)

- zamijenjena s: HRI CEN/TR 12872:2015

HNZ/TO 116, Uredaji i oprema za izmjenu topline**HRN EN 442-1:2008 en**

Radijatori i konvektori – 1. dio: Tehničke specifikacije i zahtjevi (EN 442-1:1995+A1:2003)

Radiators and convectors – Part 1: Technical specifications and requirements (EN 442-1:1995+A1:2003)

- zamijenjena s: HRN EN 442-1:2015

HRN EN 442-2:2003 en

Radijatori i konvektori – 2. dio: Metode ispitivanja i ocjene (EN 442-2:1996+A1:2000)

Radiators and convectors – Part 2: Test methods and rating (EN 442-2:1996+A1:2000)

- zamijenjena s: HRN EN 442-2:2015

HRN EN 442-2:2003/A2:2008 en

Radijatori i konvektori – 2. dio: Metode ispitivanja i ocjene (EN 442-2:1996/A2:2003)

Radiators and convectors – Part 2: Test Methods and rating (EN 442-2:1996/A2:2003)

- zamijenjena s: HRN EN 442-2:2015

HNZ/TO 121, Anestetička i respiracijska oprema**HRN EN 1789:2011 en**

Medicinski automobili i njihova oprema – Cestovni medicinski automobili (EN 1789:2007+A1:2010)

Medical vehicles and their equipment – Road ambulances (EN 1789:2007+A1:2010)

- zamijenjena s: HRN EN 1789:2015

HRN EN ISO 5359:2008 en

Niskotlačni cjevovodni sklop za primjenu s medicinskim plinovima (ISO 5359:2008; EN ISO 5359:2008)

Low-pressure hose assemblies for use with medical gases (ISO 5359:2008; EN ISO 5359:2008)

- zamijenjena s: HRN EN ISO 5359:2015

HRN EN ISO 5359:2008/A1:2012 en

Niskotlačni cjevovodni sklop za primjenu s medicinskim plinovima – Amandman 1

(ISO 5359:2008/Amd 1:2011; EN ISO 5359:2008/A1:2011)

Low-pressure hose assemblies for use with medical gases – Amendment 1

(ISO 5359:2008/Amd 1:2011; EN ISO 5359:2008/A1:2011)

- zamijenjena s: HRN EN ISO 5359:2015

HRN EN ISO 8359:2010 en

Koncentratori kisika za medicinsku uporabu – Sigurnosni zahtjevi (ISO 8359:1996; EN ISO 8359:2009)

Oxygen concentrators for medical use – Safety requirements (ISO 8359:1996; EN ISO 8359:2009)

- zamijenjena s: HRN EN ISO 80601-2-69:2015

HRN EN ISO 8359:2010/A1:2012 en

Koncentratori kisika za medicinsku uporabu – Sigurnosni zahtjevi – Amandman 1
(ISO 8359:1996/Amd 1:2012; EN ISO 8359:2009/A1:2012)
Oxygen concentrators for medical use – Safety requirements – Amendment 1
(ISO 8359:1996/Amd 1:2012; EN ISO 8359:2009/A1:2012)
- zamijenjena s: HRN EN ISO 80601-2-69:2015

HRN EN ISO 8836:2010 en

Usisni kateteri za upotrebu u dišnom putu (ISO 8836:2007, ispravljena verzija 2008-03-15;
EN ISO 8836:2009)
Suction catheters for use in the respiratory tract (ISO 8836:2007, corrected version 2008-03-15;
EN ISO 8836:2009)
- zamijenjena s: HRN EN ISO 8836:2015

HRN EN 12342:2010 en

Cijevi za disanje namijenjene za uporabu s anestetičkim uređajima i ventilatorima
(EN 12342:1998+A1:2009)
Breathing tubes intended for use with anaesthetic apparatus and ventilators
(EN 12342:1998+A1:2009)
- zamijenjena s: HRN EN ISO 5367:2015

HNZ/TO 130, Grafička tehnologija**HRN ISO 12647-4:2008 en**

Grafička tehnologija – Kontrola postupaka za kontrolu rasterskih izvadaka, probnog i proizvodnog
otiska – 4. dio: Ilustracijski bakrotisak (ISO 12647-4:2005)
Graphic technology – Process control for the production of half-tone colour separations, proofs and
production prints – Part 4: Publication gravure printing (ISO 12647-4:2005)
- zamijenjena s: HRN ISO 12647-4:2015

HNZ/TO 135, Nerazorna ispitivanja**HRN EN 1330-1:1999 en,fr,de**

Nerazorno ispitivanje – Nazivlje – 1. dio: Popis osnovnih naziva (EN 1330-1:1998)
Non destructive testing – Terminology – Part 1: List of general terms (EN 1330-1:1998)
- zamijenjena s: HRN EN 1330-1:2015

HNZ/TO 136, Namještaj**HRN EN 1021-1:2008 en**

Namještaj – Procjena zapaljivosti ojastučenog namještaja – 1. dio: Izvor zapaljenja: tinjajuća cigareta
(EN 1021-1:2006)
Furniture – Assessment of the ignitability of upholstered furniture – Part 1: Ignition source:
Smouldering cigarette (EN 1021-1:2006)
- zamijenjena s: HRN EN 1021-1:2015

HRN EN 1021-2:2008 en

Namještaj – Procjena zapaljivosti ojastučenog namještaja – 2. dio: Izvor zapaljenja: jednakovrijedan
plamenu šibice (EN 1021-2:2006)
Furniture – Assessment of the ignitability of upholstered furniture – Part 2: Ignition source match flame
equivalent (EN 1021-2:2006)
- zamijenjena s: HRN EN 1021-2:2015

HZN/TO 146, Kvaliteta zraka

HRN EN 13649:2006 en

Emisije iz stacionarnih izvora – Određivanje masene koncentracije pojedinačnih plinovitih organskih komponenata – Metoda na bazi aktivnog ugljika i desorpcije otapala (EN 13649:2001)
Stationary source emissions – Determination of the mass concentration of individual gaseous organic compounds – Activated carbon and solvent desorption method (EN 13649:2001)
- zamijenjena s: HRS CEN/TS 13649:2015

HZN/TO 165, Drvene konstrukcije

HRN EN 1075:2006 en

Drvene konstrukcije – Metode ispitivanja – Spojevi izrađeni utisnutim metalnim ježastim pločama (EN 1075:1999)
Timber structures – Test methods – Joints made with punched metal plate fasteners (EN 1075:1999)
- zamijenjena s: HRN EN 1075:2015

HZN/TO 172, Optika i optički instrumenti

HRN EN ISO 11990-1:2011 en

Laseri i oprema povezana s laserima – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 1. dio: Tijelo trahealne intubacijske cijevi (ISO 11990-1:2011; EN ISO 11990-1:2011)
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 1: Tracheal tube shaft (ISO 11990-1:2011; EN ISO 11990-1:2011)
- zamijenjena s: HRN EN ISO 11990-1:2015

HRN EN ISO 11990-2:2011 en

Laseri i pridružena oprema – Utvrđivanje otpornosti trahealnih intubacijskih cijevi na lasersko zračenje – 2. dio: Balonski završetci trahealnih intubacijskih cijevi (ISO 11990-2:2010; EN ISO 11990-2:2010)
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 2: Tracheal tube cuffs (ISO 11990-2:2010; EN ISO 11990-2:2010)
- zamijenjena s: HRN EN ISO 11990-2:2015

HRN ISO 14132-3:2005 en,fr,ru

Optika i optički instrumenti – Rječnik naziva za dalekozorne sustave – 3. dio: Nazivlje za optičke ciljnice (ISO 14132-3:2002)
Optics and optical instruments – Vocabulary for telescopic systems – Part 3: Terms for telescopic sights (ISO 14132-3:2002)
- zamijenjena s: HRN ISO 14132-3:2015

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

HRN EN 71-1:2014 en

Sigurnost igračaka – 1. dio: Mehanička i fizikalna svojstva (EN 71-1:2011+A3:2014)
Safety of toys – Part 1: Mechanical and physical properties (EN 71-1:2011+A3:2014)
- zamijenjena s: HRN EN 71-1:2015

HRN EN 1466:2008 en

Proizvodi za dojenčad i malu djecu – Nosiljke i postolja – Sigurnosni zahtjevi i metode ispitivanja (EN 1466:2004+A1:2007)
Child care articles – Carry cots and stands – Safety requirements and test methods (EN 1466:2004+A1:2007)
- zamijenjena s: HRN EN 1466:2015

HN/T 182, Geotehničke konstrukcije

HRS CEN ISO/TS 17892-1:2008 en

Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 1. dio: Određivanje vlažnosti (ISO/TS 17892-1:2004; CEN ISO/TS 17892-1:2004)

Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content (ISO/TS 17892-1:2004; CEN ISO/TS 17892-1:2004)

- zamijenjena s: HRN EN ISO 17892-1:2015

HRS CEN ISO/TS 17892-2:2008 en

Geotehničko istraživanje i ispitivanje – Laboratorijsko ispitivanje tla – 2. dio: Određivanje gustoće sitnozrnoga tla (ISO/TS 17892-2:2004; CEN ISO/TS 17892-2:2004)

Geotechnical investigation and testing – Laboratory testing of soil – Part 2: Determination of density of fine grained soil (ISO/TS 17892-2:2004; CEN ISO/TS 17892-2:2004)

- zamijenjena s: HRN EN ISO 17892-2:2015

HN/T 211, Geoinformacije/Geomatika

HRN EN ISO 19101:2005 en

Geoinformacije – Referentni model (ISO 19101:2002; EN ISO 19101:2005)

Geographic information – Reference model (ISO 19101:2002; EN ISO 19101:2005)

- zamijenjena s: HRN EN ISO 19101-1:2015

HN/T 219, Podne obloge

HRN EN 1307:2008 en

Tekstilne podne obloge – Razredba tepisona s florom (EN 1307:2008)

Textile floor coverings – Classification of pile carpets (EN 1307:2008)

- zamijenjena s: HRN EN 1307:2015

HRS CEN/TS 14159:2008 en

Tekstilne podne obloge – Zahtjev za odstupanje (linearnih) dimenzija tepiha, staza, ploča od tepisona i tepisona od zida do zida i za odstupanja na ponavljanje uzoraka (CEN/TS 14159:2007)

Textile floor coverings – Requirements for tolerances on (linear) dimensions of rugs, runners, carpet tiles and wall-to-wall carpet and for tolerances on pattern repeat (CEN/TS 14159:2007)

- zamijenjena s: HRN EN 14159:2015

HN/T 221, Geosintetici

HRN EN ISO 13427:2002 en

Geotekstili i proizvodi srodnji s geotekstilom – Simulacija oštećenja abrazijom (ispitivanje kliznim blokom) (ISO 13427:1998; EN ISO 13427:1998)

Geotextiles and geotextile-related products – Abrasion damage simulation (sliding block test) (ISO 13427:1998; EN ISO 13427:1998)

- zamijenjena s: HRN EN ISO 13427:2015

HN/T 502, Plinski uređaji

HRN EN 12309-1:2004 en

Plinski adsorpcijski i apsorpcijski uređaji za klimatizaciju i/ili dizalice topline s nazivnim toplinskim opterećenjem ne većim od 70 kW – 1. dio: Sigurnost (EN 12309-1:1999)

Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW – Part 1: Safety (EN 12309-1:1999)

- zamijenjena s: HRN EN 12309-1:2015

HRN EN 12309-2:2004 en

Plinski adsorpcijski i apsorpcijski uređaji za klimatizaciju i/ili dizalice topline s nazivnim toplinskim opterećenjem ne većim od 70 kW – 2. dio: Racionalno korištenje energije (EN 12309-2:2000)
Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW – Part 2: Rational use of energy (EN 12309-2:2000)
- zamijenjena s: HRN EN 12309-1:2015

HZN/TO 503, Metalni materijali**HRN EN 851:2001 en**

Aluminij i aluminijeve legure – Rondele i materijal za rondele za proizvodnju kuhinjskog posuđa – Specifikacije (EN 851:1995)
Aluminium and aluminium alloys – Circle and circle stock for the production of culinary utensils – Specifications (EN 851:1995)
- zamijenjena s: HRN EN 851:2015

HRN EN 941:2001 en

Aluminij i aluminijeve legure – Rondele i materijal za rondele za opću primjenu – Specifikacije (EN 941:1995)
Aluminium and aluminium alloys – Circle and circle stock for general applications – Specification (EN 941:1995)
- zamijenjena s: HRN EN 941:2015

HRN EN 10088-1:2007 en

Nehrđajući čelici – 1. dio: Popis nehrđajućih čelika (EN 10088-1:2005)
Stainless steels – Part 1: List of stainless steels (EN 10088-1:2005)
- zamijenjena s: HRN EN 10088-1:2015

HRN EN 10088-2:2007 en

Nehrđajući čelici – 2. dio: Tehnički uvjeti isporuke za limove/ploče i trake od korozijski postojanih čelika za opću namjenu (EN 10088-2:2005)
Stainless steels – Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes (EN 10088-2:2005)
- zamijenjena s: HRN EN 10088-2:2015

HRN EN 10088-3:2007 en

Nehrđajući čelici – 3. dio: Tehnički uvjeti isporuke za poluproizvode, šipke, žicu, profile i svijetlo vučene proizvode od korozijski postojanih čelika za opću namjenu (EN 10088-3:2005)
Stainless steels – Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes (EN 10088-3:2005)
- zamijenjena s: HRN EN 10088-3:2015

HRN EN 15063-1:2008 en

Bakar i legure bakra – Određivanje glavnih konstituenata i nečistoća disperzivnom rendgenskom fluorescentnom spektrometrijom (XRF) – 1. dio: Smjernice za rutinsku metodu (EN 15063-1:2006)
Copper and copper alloys – Determination of main constituents and impurities by wavelength dispersive X-ray fluorescence spectrometry (XRF) – Part 1: Guidelines to the routine method (EN 15063-1:2006)
- zamijenjena s: HRN EN 15063-1:2015

HZN/TO 504, Korozija i zaštita metala i legura**HRN EN ISO 7441:1999 en**

Korozija metala i legura – Određivanje bimetalne korozije korozijskim ispitivanjima u uvjetima vanjske izloženosti (ISO 7441:1984; EN ISO 7441:1995)
Corrosion of metals and alloys – Determination of bimetallic corrosion in outdoor exposure corrosion tests (ISO 7441:1984; EN ISO 7441:1995)
- bez zamjene

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

HRN EN ISO 19901-3:2012 en

Industrija nafte i prirodnoga plina – Posebni zahtjevi za odobalne objekte – 3. dio: Konstrukcije na platformi (ISO 19901-3:2010; EN ISO 19901-3:2010)

Petroleum and natural gas industries – Specific requirements for offshore structures – Part 3:

Topsides structure (ISO 19901-3:2010; EN ISO 19901-3:2010)

- zamijenjena s: HRN EN ISO 19901-3:2015

HZN/TO 508, Ambalaža i pakiranje

HRN ISO 18333:2003 en

Palete za rukovanje materijalima – Kvaliteta novih drvenih dijelova za plošne palete (ISO 18333:2002)

Pallets for materials handling – Quality of new wooden components for flat pallets (ISO 18333:2002)

- zamijenjena s: HRN ISO 18333:2015

HZN/TO 509, Cestovna oprema

HRN EN 12966-1:2011 en

Vertikalna prometna signalizacija – Promjenjivi prometni znakovi – 1. dio: Norma za proizvod (EN 12966-1:2005+A1:2009)

Road vertical signs – Variable message traffic signs – Part 1: Product standard

(EN 12966-1:2005+A1:2009)

- zamijenjena s: HRN EN 12966:2015

HRN EN 12966-2:2007 en

Vertikalna prometna signalizacija – Promjenjivi prometni znakovi – 2. dio: Početno ispitivanje tipa (EN 12966-2:2005)

Road vertical signs – Variable message traffic signs – Part 2: Initial type testing (EN 12966-2:2005)

- zamijenjena s: HRN EN 12966:2015

HRN EN 12966-3:2007 en

Vertikalna prometna signalizacija – Promjenjivi prometni znakovi – 3. dio: Tvornička kontrola proizvodnje (EN 12966-3:2005)

Road vertical signs – Variable message traffic signs – Part 3: Factory production control (EN 12966-3:2005)

- zamijenjena s: HRN EN 12966:2015

HZN/TO 513, Mjerne jedinice i mjerila

HRN EN ISO 4375:2005 en

Hidrometrijska određivanja – Žičare koje se upotrebljavaju prilikom mjerenja protoka na vodotocima (ISO 4375:2000; EN ISO 4375:2004)

Hydrometric determinations – Cableway systems for stream gauging (ISO 4375:2000; EN ISO 4375:2004)

- zamijenjena s: HRN EN ISO 4375:2015

HZN/TO 515, Žičare, uspinjače i vučnice

HRN EN 12929-1:2006 en

Sigurnosni zahtjevi za žičare za prijevoz osoba – Opće odredbe – 1. dio: Zahtjevi za sva postrojenja (EN 12929-1:2004)

Safety requirements for cableway installations designed to carry persons – General requirements – Part 1: Requirements for all installations (EN 12929-1:2004)

- zamijenjena s: HRN EN 12929-1:2015

HRN EN 12929-2:2006 en

Sigurnosni zahtjevi za žičare za prijevoz osoba – Opće odredbe – 2. dio: Dopunjeni zahtjevi za dvoužne žičare sa visećim kabinama bez kočnice na nosivome užetu (EN 12929-2:2004)
Safety requirements for cableway installations designed to carry persons – General requirements – Part 2: Additional requirements for reversible bicable aerial ropeways without carrier truck brakes (EN 12929-2:2004)

- zamijenjena s: HRN EN 12929-2:2015

HRN EN 12930:2008 en

Sigurnosni zahtjevi za žičare za prijevoz osoba – Proračun (EN 12930:2004)
Safety requirements for cableway installations designed to carry persons – Calculations (EN 12930:2004)

- zamijenjena s: HRN EN 12930:2015

HRN EN 13243:2006 en

Sigurnosni zahtjevi za žičare za prijevoz osoba – Električna oprema koja nije namijenjena za sustave vožnje (EN 13243:2004)
Safety requirements for cableway installations designed to carry persons – Electrical equipment other than for drive systems (EN 13243:2004)

- zamijenjena s: HRN EN 13243:2015

HRN EN 13243:2006/Ispr.1:2008 en

Sigurnosni zahtjevi za žičare za prijevoz osoba – Električna oprema koja nije namijenjena za sustave vožnje (EN 13243:2004/AC:2005)
Safety requirements for cableway installations designed to carry persons – Electrical equipment other than for drive systems (EN 13243:2004/AC:2005)

- zamijenjena s: HRN EN 13243:2015

HNZ/TO 517, Posebne vrste konstrukcija**HRN EN 1263-1:2004 en**

Zaštitne mreže – 1. dio: Sigurnosni zahtjevi, ispitne metode (EN 1263-1:2002)
Safety nets – Part 1: Safety requirements, test methods (EN 1263-1:2002)

- zamijenjena s: HRN EN 1263-1:2015

HRN EN 1263-2:2004 en

Zaštitne mreže – 2. dio: Sigurnosni zahtjevi za postavljenje zaštitnih mreža (EN 1263-2:2002)
Safety nets – Part 2: Safety requirements for the positioning limits (EN 1263-2:2002)

- zamijenjena s: HRN EN 1263-2:2015

HNZ/TO 518, Podovi, stropovi i zidne obloge**HRN EN 13892-3:2004 en**

Ispitne metode za materijale za in situ podove (estrihe) – 3. dio: Određivanje otpornosti na habanje-Böhme (EN 13892-3:2004)
Methods of test for screed materials – Part 3: Determination of wear resistance-Böhme (EN 13892-3:2004)

- zamijenjena s: HRN EN 13892-3:2015

HNZ/TO 519, Adhezivi**HRN EN 15307:2008 en**

Adhezivi za kožu i materijale za obuću – Spajanje đon-gornjište – Zahtjevi minimalne čvrstoće (EN 15307:2007)
Adhesives for leather and footwear materials – Sole-upper bonds – Minimum strength requirements (EN 15307:2007)

- zamijenjena s: HRN EN 15307:2015

HN/T0 525, *Hidroizolacijski materijali i proizvodi za pokrivanje krovova*

HRN EN 1013:2012 en

Prozirne jednoslojne profilirane plastične trake za unutrašnje i vanjske krovove, zidove i stropove – Zahtjevi i metode ispitivanja (EN 1013:2012)

Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods (EN 1013:2012)

- zamijenjena s: HRN EN 1013:2015

HN/T0 528, *Oprema za željeznice*

HRN EN 12663-1:2010 en

Željeznički sustav – Konstrukcijski zahtjevi za sanduk željezničkih vozila – 1. dio: Lokomotive i putnička željeznička vozila (i alternativna metoda za teretne vagone) (EN 12663-1:2010)

Railway applications – Structural requirements of railway vehicle bodies – Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons) (EN 12663-1:2010)

- zamijenjena s: HRN EN 12663-1:2015

HN/T0 531, *Plastika i guma*

HRN EN ISO 18064:2008 en

Plastomerni elastomeri – Nomenklatura i skraćeni nazivi (ISO 18064:2003; EN ISO 18064:2005)

Thermoplastic elastomers – Nomenclature and abbreviated terms (ISO 18064:2003;

EN ISO 18064:2005)

- zamijenjena s: HRN EN ISO 18064:2015

HN/T0 534, *Spremnici za teret*

HRN EN 15207:2008 en

Spremnici za transport opasnih tvari – Priključak utikač/utičnica i električke značajke za pomoćnu opremu za ugrožene prostore s nazivnim naponom 24 V (EN 15207:2006)

Tanks for transport of dangerous goods – Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage (EN 15207:2006)

- zamijenjena s: HRN EN 15207:2015

HRN EN 15208:2008 en

Spremnici za transport opasnih tvari – Sustav isporuke plombiranjem – Načela rada i specifikacije sučelja (EN 15208:2007)

Tanks for transport of dangerous goods – Sealed parcel delivery systems – Working principles and interface specifications (EN 15208:2007)

- zamijenjena s: HRN EN 15208:2015

HN/T0 537, *Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija*

HRN EN ISO 2692:2008 en

Geometrijske specifikacije proizvoda (GSP) – Geometrijske tolerancije – Zahtjev za maksimum materijala, zahtjev za minimum materijala i zahtjev za recipročnošću (ISO 2692:2006; EN ISO 2692:2006) Geometrical product specifications (GPS) – Geometrical tolerancing – Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (ISO 2692:2006; EN ISO 2692:2006)

- zamijenjena s: HRN EN ISO 2692:2015

HRI CR ISO 14638:2010 en

Geometrijske specifikacije proizvoda (GSP) – Masterplan (ISO/TR 14638:1995; CR ISO 14638:1996)

Geometrical product specification – Masterplan (ISO/TR 14638:1995; CR ISO 14638:1996)

- zamijenjena s: HRN EN ISO 14638:2015

HN/T 541, Sustavi grijanja, ventilacija i klimatizacije u građevinama**HRN EN 1151-2:2008 en**

Pumpe – Rotacijske pumpe – Cirkulacijske pumpe nazivne snage do 200 W za sustave grijanja i pripreme potrošne tople vode – 2. dio: Ispitno pravilo (vibroakustika) za mjerjenje buke pumpe i buke kapljevine (EN 1151-2:2006+AC:2007)

Pumps – Rotodynamic pumps – Circulation pumps having a rated power input not exceeding 200 W for heating installations and domestic hot water installations – Part 2: Noise test code (vibro-acoustics) for measuring structure- and fluid-borne noise (EN 1151-2:2006+AC:2007)

- zamijenjena s: HRN EN 16644:2015

HRN EN 13141-6:2008 en

Ventilacija u zgradama – Ispitivanje značajki dijelova/proizvoda za ventilaciju stambenih zgrada – 6. dio: Skupni uređaji za otsisnu ventilaciju u obiteljskim kućama (EN 13141-6:2004)

Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 6: Exhaust ventilation system packages used in a single dwelling (EN 13141-6:2004)

- zamijenjena s: HRN EN 13141-6:2015

HRN EN 14908-6:2012 en

Otvorena podatkovna komunikacija u automatizaciji zgrada, nadzor i upravljanje zgradama – Mrežni kontrolni protokol – 6. dio: Elementi primjene (EN 14908-6:2010)

Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol – Part 6: Application elements (EN 14908-6:2010)

- zamijenjena s: HRN EN 14908-6:2015

HRN EN 15632-1:2009 en

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 1. dio: Razredba, opći zahtjevi i metode ispitivanja (EN 15632-1:2009)

District heating pipes – Pre-insulated flexible pipe systems – Part 1: Classification, general requirements and test methods (EN 15632-1:2009)

- zamijenjena s: HRN EN 15632-1:2015

HRN EN 15632-2:2011 en

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 2. dio: Predizolirane plastične cijevi – Zahtjevi i metode ispitivanja (EN 15632-2:2010)

District heating pipes – Pre-insulated flexible pipe systems – Part 2: Bonded plastic service pipes – Requirements and test methods (EN 15632-2:2010)

- zamijenjena s: HRN EN 15632-2:2015

HRN EN 15632-3:2011 en

Cijevi za daljinsko grijanje – Sustavi predizoliranih savitljivih cijevi – 3. dio: Nespojeni sustav s plastičnim cijevima; zahtjevi i metode ispitivanja (EN 15632-3:2010)

District heating pipes – Pre-insulated flexible pipe systems – Part 3: Non bonded system with plastic service pipes; requirements and test methods (EN 15632-3:2010)

- zamijenjena s: HRN EN 15632-3:2015

HN/T 544, Strojni elementi**HRN EN ISO 10683:2005 en**

Spojni elementi – Neelektrolitički nanesene cinčane prevlake (ISO 10683:2000; EN ISO 10683:2000)

Fasteners – Non-electrolytically applied zinc flake coatings (ISO 10683:2000; EN ISO 10683:2000)

- zamijenjena s: HRN EN ISO 10683:2015

HZN/TO 549, *Svetlo i rasvjeta*

HRI CEN/TR 13201-1:2009 en

Cestovna rasvjeta – 1. dio: Odabir razreda rasvjete (CEN/TR 13201-1:2004)

Road lighting – Part 1: Selection of lighting classes (CEN/TR 13201-1:2004)

- zamijenjena s: HRI CEN/TR 13201-1:2015

HZN/TO 554, *Obrada otpadnih voda*

HRN EN 1253-1:2008 en

Odvodi za zgrade – 1. dio: Zahtjevi (EN 1253-1:2003)

Gullies for buildings – Part 1: Requirements (EN 1253-1:2003)

- zamijenjena s: HRN EN 1253-1:2015, HRN EN 1253-2:2015

HRN EN 1253-2:2008 en

Odvodi za zgrade – 2. dio: Metode ispitivanja (EN 1253-2:2003)

Gullies for buildings – Part 2: Test methods (EN 1253-2:2003)

- zamijenjena s: HRN EN 1253-1:2015, HRN EN 1253-2:2015

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 11135-1:2008 en

Sterilizacija medicinskih proizvoda – Etilen oksid – 1. dio: Zahtjevi za provedbu, vrednovanje i rutinsku kontrolu sterilizacije medicinskih proizvoda (ISO 11135-1:2007; EN ISO 11135-1:2007)

Sterilization of health care products – Ethylene oxide – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 11135-1:2007; EN ISO 11135-1:2007)

- zamijenjena s: HRN EN ISO 11135:2015

HRS CEN ISO/TS 11135-2:2010 en

Sterilizacija medicinskih proizvoda – Etilen oksid – 2. dio: Upute o primjeni ISO 11135-1 (ISO/TS 11135-2:2008+Cor 1:2009; CEN ISO/TS 11135-2:2008+AC:2009)

Sterilization of health care products – Ethylene oxide – Part 2: Guidance on the application of ISO 11135-1 (ISO/TS 11135-2:2008+Cor 1:2009; CEN ISO/TS 11135-2:2008+AC:2009)

- zamijenjena s: HRN EN ISO 11135:2015

HRN EN ISO 11140-1:2010 en

Sterilizacija medicinskih proizvoda – Kemijski indikatori – 1. dio: Opći zahtjevi (ISO 11140-1:2005; EN ISO 11140-1:2009)

Sterilization of health care products – Chemical indicators – Part 1: General requirements (ISO 11140-1:2005; EN ISO 11140-1:2009)

- zamijenjena s: HRN EN ISO 11140-1:2015

HRN EN 13060:2011 en

Mali sterilizatori parom (EN 13060:2004+A2:2010)

Small steam sterilizers (EN 13060:2004+A2:2010)

- zamijenjena s: HRN EN 13060:2015

HZN/TO 557, *Zaštitna odjeća*

HRN EN 374-2:2003 en

Rukavice za zaštitu od kemikalija i mikroorganizama – 2. dio: Određivanje otpornosti na propuštanje (EN 374-2:2003)

Protective gloves against chemicals and micro-organisms – Part 2: Determination of resistance to penetration (EN 374-2:2003)

- zamijenjena s: HRN EN 374-2:2015

HRN EN 13138-2:2008 en

Plutajuća pomagala za učenje plivanja – 2. dio: Sigurnosni zahtjevi i ispitne metode za plutajuća

pomagala koja se pridržavaju (EN 13138-2:2007)

Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held (EN 13138-2:2007)

- zamijenjena s: HRN EN 13138-2:2015

HRN EN 13138-3:2008 en

Plutajuća pomagala za učenje plivanja – 3. dio: Sigurnosni zahtjevi i ispitne metode za sjedala za plivanje koja se pričvršćuju (EN 13138-3:2007)

Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn (EN 13138-3:2007)

- zamijenjena s: HRN EN 13138-3:2015

HNZ/TO 560, *Tekstilni proizvodi***HRN EN 14682:2008 en**

Sigurnost dječje odjeće – Gajtani i vezice na dječjoj odjeći – Specifikacije (EN 14682:2007)

Safety of children's clothing – Cords and drawstrings on children's clothing – Specifications (EN 14682:2007)

- zamijenjena s: HRN EN 14682:2015

HNZ/TO 561, *Kotlovi, posude pod tlakom, cjevovodi i plinske boce***HRN EN 764-4:2008 en**

Tlačna oprema – 4. dio: Tehnički uvjeti isporuke metalnih materijala (EN 764-4:2002)

Pressure equipment – Part 4: Establishment of technical delivery conditions for metallic materials (EN 764-4:2002)

- zamijenjena s: HRN EN 764-4:2015

HRN EN 764-5:2008 en

Tlačna oprema – 5. dio: Provjera dokumentacije i usklađenosti materijala (EN 764-5:2002)

Pressure Equipment – Part 5: Compliance and Inspection Documentation of Materials (EN 764-5:2002)

- zamijenjena s: HRN EN 764-5:2015

HRN EN 13175:2008 en

Oprema i pribor za UNP – Specifikacija i ispitivanje ventila i spojnica tlačnih posuda za ukapljeni naftni plin (UNP) (EN 13175:2003+A2:2007)

LPG equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) tank valves and fittings (EN 13175:2003+A2:2007)

- zamijenjena s: HRN EN 13175:2015

HRN EN 14140:2008 en

Oprema i pribor za UNP – Prenosive, ponovno punjive, zavarene, čelične boce za ukapljeni naftni plin (UNP) – Alternativno projektiranje i izrada (EN 14140:2003+A1:2006)

LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Alternative design and construction (EN 14140:2003+A1:2006)

- zamijenjena s: HRN EN 14140:2015

HNZ/TO 562, *Alatni strojevi i alati***HRN EN 1417:2008 en**

Strojevi za gumu i plastiku – Dvovaljčana glodala – Sigurnosni zahtjevi (EN 1417:1996+A1:2008)

Plastics and rubber machines – Two roll mills – Safety requirements (EN 1417:1996+A1:2008)

- zamijenjena s: HRN EN 1417:2015

HRN EN 1417:2008/Ispr.1:2012 en

Strojevi za gumeni i plastiki – Dvovaljčana glodala – Sigurnosni zahtjevi (EN 1417:1996+A1:2008/AC:2009)

Plastics and rubber machines – Two roll mills – Safety requirements (EN 1417:1996+A1:2008/AC:2009)

- zamijenjena s: HRN EN 1417:2015

HRN EN ISO 23125:2010 en

Alatni strojevi – Sigurnost – Tokarilice (ISO 23125:2010; EN ISO 23125:2010)

Machine tools – Safety – Turning machines (ISO 23125:2010; EN ISO 23125:2010)

- zamijenjena s: HRN EN ISO 23125:2015

HRN EN ISO 23125:2010/A1:2013 en

Alatni strojevi – Sigurnost – Tokarilice – Amandman 1 (ISO 23125:2010/Amd 1:2012;

EN ISO 23125:2010/A1:2012)

Machine tools – Safety – Turning machines – Amendment 1 (ISO 23125:2010/Amd 1:2012;
EN ISO 23125:2010/A1:2012)

- zamijenjena s: HRN EN ISO 23125:2015

HZN/TO 563, *Sigurnost strojeva*

HRN EN 454:2010 en

Strojevi za preradu hrane – Planetarne miješalice – Sigurnosni i higijenski zahtjevi (EN 454:2000+A1:2009)

Food processing machinery – Planetary mixers – Safety and hygiene requirements

(EN 454:2000+A1:2009)

- zamijenjena s: HRN EN 454:2015

HRN EN 12041:2009 en

Strojevi za preradu hrane – Strojevi za oblikovanje – Sigurnosni i higijenski zahtjevi

(EN 12041:2000+A1:2009)

Food processing machinery – Moulders – Safety and hygiene requirements (EN 12041:2000+A1:2009)

- zamijenjena s: HRN EN 12041:2015

HRN EN 12043:2010 en

Strojevi za preradu hrane – Ispitivači sredine – Sigurnosni i higijenski zahtjevi (EN 12043:2000+A1:2010)

Food processing machinery – Intermediate provers – Safety and hygiene requirements

(EN 12043:2000+A1:2010)

- zamijenjena s: HRN EN 12043:2015

HRN EN 12268:2010 en

Strojevi za preradu hrane – Strojevi s tračnim pilama – Sigurnosni i higijenski zahtjevi

(EN 12268:2003+A1:2010)

Food processing machinery – Band saw machines – Safety and hygiene requirements

(EN 12268:2003+A1:2010)

- zamijenjena s: HRN EN 12268:2015

HRN EN 12463:2011 en

Strojevi za preradu hrane – Strojevi za punjenje i pomoći strojevi – Sigurnosni i higijenski zahtjevi

(EN 12463:2004+A1:2011)

Food processing machinery – Filling machines and auxiliary machines – Safety and hygiene
requirements (EN 12463:2004+A1:2011)

- zamijenjena s: HRN EN 12463:2015

HRN EN 13871:2010 en

Strojevi za preradu hrane – Strojevi za rezanje na kocke – Sigurnosni i higijenski zahtjevi

(EN 13871:2005+A1:2010)

Food processing machinery – Cubes cutting machinery – Safety and hygiene requirements

(EN 13871:2005+A1:2010)

- zamijenjena s: HRN EN 13871:2015

HN/T 564, Uljarice, biljna i životinjska ulja i masti

HRN EN ISO 5508:1999 en

Životinske i biljne masti i ulja – Analiza metilnih estera masnih kiselina plinskom kromatografijom (ISO 5508:1990; EN ISO 5508:1995)

Animal and vegetable fats and oils – Analysis by gas chromatography of methyl esters of fatty acids (ISO 5508:1990; EN ISO 5508:1995)

- zamijenjena s: HRN EN ISO 12966-1:2015

HN/T 571, Sport, igrališta i ostali rekreativni sadržaji i oprema

HRN EN 564:2008 en

Planinarska oprema – Pomoćna užad – Sigurnosni zahtjevi i metode ispitivanja (EN 564:2006)

Mountaineering equipment – Accessory cord – Safety requirements and test methods (EN 564:2006)

- zamijenjena s: HRN EN 564:2015

HRN EN 1176-11:2008 en

Oprema za igrališta i igrališna površina – 11. dio: Dodatni posebni sigurnosni zahtjevi i metode ispitivanja za prostorne mreže (EN 1176-11:2008)

Playground equipment and surfacing – Part 11: Additional specific safety requirements and test methods for spatial network (EN 1176-11:2008)

- zamijenjena s: HRN EN 1176-11:2015

HRN EN 1271:2008 en

Oprema za sportska igrališta – Odbojkaška oprema – Funkcionalni i sigurnosni zahtjevi, metode ispitivanja (EN 1271:2004+AC:2005)

Playing field equipment – Volleyball equipment – Functional and safety requirements, test methods (EN 1271:2004+AC:2005)

- zamijenjena s: HRN EN 1271:2015

HN/T E62, Električna oprema u medicinskoj praksi

HRN EN 50061:2003 en

Sigurnost implantabilnih elektrostimulatora srca (EN 50061:1988+A1:1995+Corr.1:1995)

Safety of implantable cardiac pacemakers (EN 50061:1988+A1:1995+Corr.1:1995)

- bez zamjene

HRN EN 50103:1999 en

Upute za primjenu: EN ISO 9001, EN 46001, EN ISO 9002 i EN 46002 u industriji aktivnih medicinskih uređaja (uključujući aktivne ugradive uređaje) (EN 50103:1995)

Guidance on the application of: EN ISO 9001, EN 46001, EN ISO 9002 and EN 46002 for the active (including active implantable) medical device industry (EN 50103:1995)

- bez zamjene

HRN EN 60601-1:2008/Ispr.2:2014 en

Medicinski električni uređaji – 1. dio: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke (EN 60601-1:2006/AC:2014)

Medical electrical equipment – Part 1: General requirements for basic safety and essential performance (EN 60601-1:2006/AC:2014)

- bez zamjene

HRN EN 60601-2-2:2003 en

Medicinska električna oprema – Dio 2-2: Posebni zahtjevi za sigurnost visokofrekvencijske kirurške opreme (IEC 60601-2-2:1998; EN 60601-2-2:2000)

Medical electrical equipment – Part 2-2: Particular requirements for the safety of high frequency surgical equipment (IEC 60601-2-2:1998; EN 60601-2-2:2000)

- zamijenjena s: HRN EN 60601-2-2:2008

HRN EN 60601-2-2:2008 en

Medicinski električni uređaji – Dio 2-2: Posebni zahtjevi za sigurnost visokofrekveničkih kirurških uređaja (IEC 60601-2-2:2006; EN 60601-2-2:2007)

Medical electrical equipment – Part 2-2: Particular requirements for the safety of high frequency surgical equipment (IEC 60601-2-2:2006; EN 60601-2-2:2007)

- zamijenjena s: HRN EN 60601-2-2:2010

HRN EN 60601-2-39:2003 en

Medicinska električna oprema – Dio 2-39: Posebni zahtjevi za sigurnost opreme za peritonealnu dijalizu (IEC 60601-2-39:1999; EN 60601-2-39:1999+Corr.:1999)

Medical electrical equipment – Part 2-39: Particular requirements for the safety of peritoneal dialysis equipment (IEC 60601-2-39:1999; EN 60601-2-39:1999+Corr.:1999)

- zamijenjena s: HRN EN 60601-2-39:2008

HRN EN 61217:2000 en

Radioterapijski uređaji – Koordinate, pokretanja i skale (IEC 61217:1996; EN 61217:1996)

Radiotherapy equipment – Coordinates, movements and scales (IEC 61217:1996; EN 61217:1996)

- zamijenjena s: HRN EN 61217:2012

HRN EN 61217:2000/A1:2003 en

Radioterapijska oprema – Koordinate, pokretanja i skale (IEC 61217:1996/am1:2000; EN 61217:1996/A1:2001)

Radiotherapy equipment – Coordinates, movements and scales (IEC 61217:1996/am1:2000;

EN 61217:1996/A1:2001)

- zamijenjena s: HRN EN 61217:2012

HRN EN 61217:2000/A2:2008 en

Radioterapijska oprema – Koordinate, pokretanja i skale (IEC 61217:1996/am2:2007; EN 61217:1996/A2:2008)

Radiotherapy equipment – Coordinates, movements and scales (IEC 61217:1996/am2:2007;

EN 61217:1996/A2:2008)

- zamijenjena s: HRN EN 61217:2012

HZN/TO E108, *Sigurnost električke opreme u području audio, video, informacijske i komunikacijske tehnologije***HRN CLC/TS 62441:2007 en**

Zapaljenje audio, video i komunikacijske opreme te opreme informacijske tehnologije slučajno izazvano plamenom svijeće (IEC/TS 62441:2006; CLC/TS 62441:2007)

Accidentally caused candle flame ignition for audio/video, communication and information technology equipment (IEC/TS 62441:2006; CLC/TS 62441:2007)

- zamijenjena s: HRS CLC/TS 62441:2012

HZN/TO Z1, *Informacijska tehnologija***HRN ISO/IEC 10967-1:2008 en**

Informacijska tehnologija – Aritmetika neovisna o jeziku – 1. dio: Cjelobrojna aritmetika i aritmetika pomicnoga zareza (ISO/IEC 10967-1:1994)

Information technology – Language independent arithmetic – Part 1: Integer and floating point arithmetic (ISO/IEC 10967-1:1994)

- zamijenjena s: HRN ISO/IEC 10967-1:2015

HRN ISO/IEC 13335-1:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Upravljanje sigurnošću informacijske i komunikacijske tehnologije – 1. dio: Koncepti i modeli upravljanja sigurnošću informacijske i komunikacijske tehnologije (ISO/IEC 13335-1:2004)

Information technology – Security techniques – Management of information and communications technology security – Part 1: Concepts and models for information and communications technology security management (ISO/IEC 13335-1:2004)

- bez zamjene

HRI ISO/IEC TR 13335-3:2008 en

Informacijska tehnologija – Smjernice za upravljanje sigurnošću IT-a – 3. dio: Tehnike za upravljanje sigurnošću IT-a (ISO/IEC TR 13335-3:1998)

Information technology – Guidelines for the management of IT Security – Part 3: Techniques for the management of IT Security (ISO/IEC TR 13335-3:1998)

- zamijenjena s: HRN ISO/IEC 27005:2015

HRI ISO/IEC TR 13335-4:2008 en

Informacijska tehnologija – Smjernice za upravljanje sigurnošću IT-a – 4. dio: Izbor zaštitnih mjera (ISO/IEC TR 13335-4:2000)

Information technology – Guidelines for the management of IT Security – Part 4: Selection of safeguards (ISO/IEC TR 13335-4:2000)

- zamijenjena s: HRN ISO/IEC 27005:2015

HRI ISO/IEC TR 13335-5:2008 en

Informacijska tehnologija – Smjernice za upravljanje sigurnošću u IT-a – 5. dio: Smjernice za upravljanje mrežnom sigurnošću (ISO/IEC TR 13335-5:2001)

Information technology – Guidelines for the management of IT Security – Part 5: Management guidance on network security (ISO/IEC TR 13335-5:2001)

- zamijenjena s: HRN ISO/IEC 27033-1:2013

HRN ISO/IEC 14598-1:2008 en

Informacijska tehnologija – Vrednovanje proizvoda programske podrške – 1. dio: Opći pregled (ISO/IEC 14598-1:1999)

Information technology – Software product evaluation – Part 1: General overview (ISO/IEC 14598-1:1999)

- zamijenjena s: HRN ISO/IEC 25040:2015

HRI ISO/IEC TR 15452:2008 en

Informacijska tehnologija – Određivanje područja vrijednosti podataka (ISO/IEC TR 15452:2000)

Information technology – Specification of data value domains (ISO/IEC TR 15452:2000)

- bez zamjene

HRN ISO/IEC 15910:2008 en

Informacijska tehnologija – Postupak izrade korisničke dokumentacije za programsku podršku (ISO/IEC 15910:1999)

Information technology – Software user documentation process (ISO/IEC 15910:1999)

- zamijenjena s: HRN ISO/IEC/IEEE 26512:2015

HRN ISO/IEC 18028-1:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 1. dio: Upravljanje mrežnom sigurnošću (ISO/IEC 18028-1:2006)

Information technology – Security techniques – IT network security – Part 1: Network security management (ISO/IEC 18028-1:2006)

- zamijenjena s: HRN ISO/IEC 27033-1:2013

HRN ISO/IEC 18028-2:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 2. dio: Arhitektura mrežne sigurnosti (ISO/IEC 18028-2:2006)

Information technology – Security techniques – IT network security – Part 2: Network security architecture (ISO/IEC 18028-2:2006)

- zamijenjena s: HRN ISO/IEC 27033-2:2013

HRN ISO/IEC 18028-3:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 3. dio: Osiguravanje komunikacije između mreža upotrebom sigurnosnih pristupnika (ISO/IEC 18028-3:2005)

Information technology – Security techniques – IT network security – Part 3: Securing communications between networks using security gateways (ISO/IEC 18028-3:2005)

- zamijenjena s: HRN ISO/IEC 27033-4:2015

HRN ISO/IEC 18028-5:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Sigurnost mreže IT-a – 5. dio: Osiguravanje komunikacija kroz mreže upotrebom virtualnih privatnih mreža (ISO/IEC 18028-5:2006)
Information technology – Security techniques – IT network security – Part 5: Securing communications across networks using virtual private networks (ISO/IEC 18028-5:2006)
- zamijenjena s: HRN ISO/IEC 27033-5:2015

HRN ISO/IEC 18031:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Stvaranje slučajnoga bita (ISO/IEC 18031:2005)
Information technology – Security techniques – Random bit generation (ISO/IEC 18031:2005)
- zamijenjena s: HRN ISO/IEC 18031:2015

HRN ISO/IEC 18045:2008 en

Informacijska tehnologija – Sigurnosne tehnike – Metodologija za vrednovanje sigurnosti IT-a (ISO/IEC 18045:2005)
Information technology – Security techniques – Methodology for IT security evaluation (ISO/IEC 18045:2005)
- zamijenjena s: HRN ISO/IEC 18045:2015

HRN ISO/IEC 27002:2006 en

Informacijska tehnologija – Sigurnosne tehnike – Kodeks postupaka za upravljanje informacijskom sigurnošću (ISO/IEC 27002:2005) – istovjetna normi HRN ISO/IEC 17799:2006+Ispr.1:2007
Information technology – Security techniques – Code of practice for information security management (ISO/IEC 27002:2005) – identical to HRN ISO/IEC 17799:2006+Ispr.1:2007
- zamijenjena s: HRN ISO/IEC 27002:2015

HZN/TU I2, Strojarstvo 2**HRN EN 815:2009 en**

Sigurnost bušilica bez štitnika za tunele i bušilica za stijene – Sigurnosni zahtjevi (EN 815:1996+A2:2008)
Safety of unshielded tunnel boring machines and rodless shaft boring machines for rock – Safety requirements (EN 815:1996+A2:2008)
- zamijenjena s: HRN EN 16191:2015

HRN EN 12110:2009 en

Strojevi za gradnju tunela – Zračne brane – Sigurnosni zahtjevi (EN 12110:2002+A1:2008)
Tunnelling machines – Air locks – Safety requirements (EN 12110:2002+A1:2008)
- zamijenjena s: HRN EN 12110:2015

HRN EN 12111:2009 en

Strojevi za gradnju tunela – Rovokopači, mineri s neprekidnim djelovanjem i udarni riperi – Sigurnosni zahtjevi (EN 12111:2002+A1:2009)
Tunnelling machines – Road headers, continuous miners and impact rippers – Safety requirements (EN 12111:2002+A1:2009)
- zamijenjena s: HRN EN 12111:2015

HRN EN 12336:2009 en

Strojevi za gradnju tunela – Strojevi sa štitom, udarne bušilice, bušilice sa svrdлом, oprema za montažu obloge tunela – Sigurnosni zahtjevi (EN 12336:2005+A1:2008)
Tunnelling machines – Shield machines, thrust boring machines, auger boring machines, lining erection equipment – Safety requirements (EN 12336:2005+A1:2008)
- zamijenjena s: HRN EN 16191:2015

HZN/TU S1, Zdravljie, okoliš i medicinska oprema 1**HRN EN ISO 9680:2008 en**

Stomatologija – Operacijska rasvjeta (ISO 9680:2007; EN ISO 9680:2007)
Dentistry – Operating lights (ISO 9680:2007; EN ISO 9680:2007)
- zamijenjena s: HRN EN ISO 9680:2015

HRN EN ISO 11070:2008 en

Instrumenti za uvođenje sterilnih intravaskularnih katetera za jednokratnu upotrebu (ISO 11070:1998; EN ISO 11070:1999)

Sterile single-use intravascular catheter introducers (ISO 11070:1998; EN ISO 11070:1999)

- zamijenjena s: HRN EN ISO 11070:2015

HRN EN ISO 11608-1:2012 en

Injekcijski sustavi s iglom za medicinsku primjenu – Zahtjevi i metode ispitivanja – 1. dio: Injekcijski sustavi s iglom (ISO 11608-1:2012; EN ISO 11608-1:2012)

Needle-based injection systems for medical use – Requirements and test methods – Part 1: Needle-based injection systems (ISO 11608-1:2012; EN ISO 11608-1:2012)

- zamijenjena s: HRN EN ISO 11608-1:2015

HRN EN 12022:2008 en

Izmjenjivači plinova u krvi (EN 12022:1999)

Blood gas exchangers (EN 12022:1999)

- zamijenjena s: HRN EN ISO 7199:2015

HRN EN ISO 15841:2008 en

Stomatologija – Žice za upotrebu u ortodonciji (ISO 15841:2006; EN ISO 15841:2006)

Dentistry – Wires for use in orthodontics (ISO 15841:2006; EN ISO 15841:2006)

- zamijenjena s: HRN EN ISO 15841:2015

HN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1**HRN EN 13290-2:2008 en**

Upravljanje svemirskim projektom – Opći zahtjevi – 2. dio: Raščlamba projekta na elemente strukture (EN 13290-2:2001)

Space project management – General requirements – Part 2: Project breakdown structure (EN 13290-2:2001)

- zamijenjena s: HRN EN 16601-10:2015

HRN EN 13290-3:2008 en

Upravljanje svemirskim projektom – Opći zahtjevi – 3. dio: Organizacija projekta (EN 13290-3:2001)

Space project management – General requirements – Part 3: Project organization (EN 13290-3:2001)

- zamijenjena s: HRN EN 16601-10:2015

HRN EN 13290-4:2008 en

Upravljanje svemirskim projektom – Opći zahtjevi – 4. dio: Izrada projektnih faza i planiranje projekta (EN 13290-4:2001)

Space project management – General requirements – Part 4: Project phasing and planning (EN 13290-4:2001)

- zamijenjena s: HRN EN 16601-10:2015

HRN EN 13701:2008 en

Svemirski sustavi – Glosar naziva (EN 13701:2001)

Space systems – Glossary of terms (EN 13701:2001)

- zamijenjena s: HRN EN 16601-00-01:2015

HRN EN 14092:2008 en

Svemirsko inženjerstvo – Svemirska okolina (EN 14092:2002)

Space engineering – Space environment (EN 14092:2002)

- zamijenjena s: HRN EN 16603-10-04:2015

HRN EN 14099:2008 en

Osiguravanje kvalitete proizvoda za upotrebu u svemiru – Mjerenje gulenja i čvrstoće prevlake i završne obrade upotrebom trake osjetljive na tlak (EN 14099:2001)

Space product assurance – Measurement of the peel and pull-off strength of coatings and finishes using pressure-sensitive tapes (EN 14099:2001)

- zamijenjena s: HRN EN 16602-70-13:2015

HRN EN 14737-1:2008 en

Svemirsko inženjerstvo – Zemaljski sustavi i operacije – 1. dio: Načela i zahtjevi (EN 14737-1:2004)
Space engineering – Ground systems and operations – Part 1: Principles and requirements
(EN 14737-1:2004)
- zamijenjena s: HRN EN 16603-70:2015

HRN EN 14737-2:2008 en

Svemirsko inženjerstvo – Zemaljski sustavi i operacije – 2. dio: Opisi zahtjeva u dokumentima (DRDs) (EN 14737-2:2004)
Space engineering – Ground systems and operations – Part 2: Documents requirements definitions (DRDs) (EN 14737-2:2004)
- zamijenjena s: HRN EN 16603-70:2015

HRN EN 16230-1:2013 en

Automobili za zabavu – 1. dio: Posebni sigurnosni zahtjevi i metode ispitivanja za automobile za zabavu (EN 16230-1:2013)
Leisure karts – Part 1: Safety requirements and test methods for karts (EN 16230-1:2013)
- zamijenjena s: HRN EN 16230-1:2015

HZN/TU W1, Energetska elektrotehnika 1**HRN EN 60086-4:2008 en**

Primarne baterije – 4. dio: Sigurnost litijskih baterija (IEC 60086-4:2000; EN 60086-4:2000)
Primary batteries – Part 4: Safety of lithium batteries (IEC 60086-4:2000; EN 60086-4:2000)
- zamijenjena s: HRN EN 60086-4:2009

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške. Niže navodimo ispravne oznake i naslove hrvatskih norma. Navedeni ispravci smatraju se službenom informacijom i nisu nužno uključeni u norme koje su prethodno objavljene.

U HZN e-glasilu 6/2014 greškom je objavljen ispravak hrvatske norme **HRN EN 62676-1-1:2014/Ispr.2:2014, Video nadzorni sustavi za uporabu u primjenama zaštite – Dio 1-1: Zahtjevi za sustav – Općenito** (EN 62676-1-1:2014/AC:2014). Ispravak **HRN EN 62676-1-1:2014/Ispr.1:2014** ostaje na snazi.

U HZN e-glasilu 6/2014 konačni nacrt **nkHRN EN 60115-2** greškom je objavljen kao hrvatska norma **HRN EN 60115-2:2014, Fixed resistors for use in electronic equipment – Part 2: Sectional specification: Leaded fixed low power film resistors** (IEC 60115-2:2014; EN 60115-2:2015). Hrvatska norma **HRN EN 60115-2:2015** objavljena je u ovom broju glasila u točki 1.1.

U HZN e-glasilu 6/2014 nacrt amandmana **nHRN EN ISO 3266:2011/A1, Kovani čelični okasti vijci razreda 4 za opće namjene podizanja** (ISO 3266:2010/DAM 1:2014; EN ISO 3266:2010/prA1) greškom je objavljen kao amandman HRN EN ISO 3266:2011/A1:2014. Nacrt **nHRN EN ISO 3266:2011/A1** ostaje na snazi.

HZN/TO 181, Sigurnost igračaka i proizvodi za djecu

- umjesto

HRI CEN/TR 16411:2014

Proizvodi za dojenčad i malu djecu – **2013: kompilacija tumačenja norma iz područja rada CEN/TC 252 (CEN/TR 16411:2014)**

Child use and care articles – **2013 compiled interpretations of CEN/TC 252 standards (CEN/TR 16411:2014)**

- **treba biti**

HRN CEN/TR 16411:2014

Proizvodi za dojenčad i malu djecu – **2014**: kompilacija tumačenja norma iz područja rada
CEN/TC 252 (CEN/TR 16411:2014)

Child use and care articles – **2014** compiled interpretations of CEN/TC 252 standards
(CEN/TR 16411:2014)

HN/T 546, Očuvanje kulturne baštine

- **umjesto**

HRN EN 16455:2014

Očuvanje kulturne baštine – **Određivanje topivih soli** u prirodnom kamenu i srodnim građevnim materijalima u kulturnoj baštini (EN 16455:2014)

Conservation of cultural heritage – Extraction and determination of soluble salts in natural stone and related materials used in and from cultural heritage (EN 16455:2014)

- **treba biti**

HRN EN 16455:2014

Očuvanje kulturne baštine – **Ekstrakcija i određivanje topljivih soli** u prirodnom kamenu i srodnim materijalima u kulturnoj baštini (EN 16455:2014)

Conservation of cultural heritage – Extraction and determination of soluble salts in natural stone and related materials used in and from cultural heritage (EN 16455:2014)

HN/T 551, Gradnja

- **umjesto**

HRN ISO 9836:2011

Standardi za svojstva zgrada – **Definiranje** i proračun **površina** i prostora (ISO 9836:2011)

Performance standards in building – Definition and calculation of area and space indicators
(ISO 9836:2011)

- **treba biti**

HRN ISO 9836:2011

Standardi za svojstva zgrada – **Definicija** i proračun **pokazatelja ploštine** i prostora (ISO 9836:2011)

Performance standards in building – Definition and calculation of area and space indicators
(ISO 9836:2011)

HN/T E23, Električni instalacijski pribor

- **umjesto**

HRN EN 60309-1:2002:lspr.1:2014

Utični pribor za industrijske svrhe – 1. dio: Opći zahtjevi (EN 60309-1:1999/A1:2007/AC:2014)

Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements
(EN 60309-1:1999/A1:2007/AC:2014)

- **treba biti**

HRN EN 60309-1/A1:2007/lspr.1:2014

Utični pribor za industrijske svrhe – 1. dio: Opći zahtjevi (**IEC 60309-1:1999/am1:2005/Corr.1:2014;**
EN 60309-1:1999/A1:2007/AC:2014)

Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements
(**IEC 60309-1:1999/am1:2005/Corr.1:2014;** EN 60309-1:1999/A1:2007/AC:2014)

HN/T0 E62, Električna oprema u medicinskoj praksi

- umjesto**

HRN EN 60601-2-33:2011

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **uređaja za medicinsku dijagnostiku s pomoću magnetske rezonancije** (IEC 60601-2-33:2010; EN 60601-2-33:2010)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (IEC 60601-2-33:2010; EN 60601-2-33:2010)

- treba biti**

HRN EN 60601-2-33:2011

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **dijagnostičkih uređaja za magnetsku rezonancu** (IEC 60601-2-33:2010; EN 60601-2-33:2010)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (IEC 60601-2-33:2010; EN 60601-2-33:2010)

- umjesto**

HRN EN 60601-2-33:2011/A11:2012

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **uređaja za medicinsku dijagnostiku s pomoću magnetske rezonancije** (EN 60601-2-33:2010/A11:2011)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (EN 60601-2-33:2010/A11:2011)

- treba biti**

HRN EN 60601-2-33:2011/A11:2012

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **dijagnostičkih uređaja za magnetsku rezonancu** (EN 60601-2-33:2010/A11:2011)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (EN 60601-2-33:2010/A11:2011)

- umjesto**

HRN EN 60601-2-33:2011/Ispr.1:2014

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **uređaja za medicinsku dijagnostiku s pomoću magnetske rezonancije** (EN 60601-2-33:2010/AC:2010)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (EN 60601-2-33:2010/AC:2010)

- treba biti**

HRN EN 60601-2-33:2011/Ispr.1:2014

Medicinski električni uređaji – Dio 2-33: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke **dijagnostičkih uređaja za magnetsku rezonancu** (EN 60601-2-33:2010/AC:2010)

Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (EN 60601-2-33:2010/AC:2010)

HN/T0 E64, Električne instalacije i zaštita od električnog udara

- umjesto**

HRN HD 60364-7-704:2007/Ispr.1:2014

Niskonaponske električne instalacije – Dio 7-704: Zahtjevi za posebne instalacije ili prostore – Instalacije gradilišta i rušilišta (HD 60364-7-704:2007/AC:2014)

Low-voltage electrical installations – Part 7-704: Requirements for special installations or locations – Construction and demolition site installations (HD 60364-7-704:2007/AC:2014)

- **treba biti**

HRN HD 60364-7-704:2007/Ispr.1:2014

Niskonaponske električne instalacije – Dio 7-704: Zahtjevi za posebne instalacije ili prostore – Instalacije gradilišta i rušilišta (HD 60364-7-704:2007/**AC:2008**)

Low-voltage electrical installations – Part 7-704: Requirements for special installations or locations – Construction and demolition site installations (HD 60364-7-704:2007/**AC:2008**)

HN/T/O E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

- **umjesto**

HRN EN 55016-1-1:2011/A2:2014

Specifikacija uređaja i metoda za mjerjenja radiosmetnja i otpornosti – Dio 1-1: Uređaji za mjerjenje radiosmetnja i otpornosti – Mjerni uređaji (EN 55016-1-1:2010/A2:2014)

Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus (EN 55016-1-1:2010/A2:2014)

- **treba biti**

HRN EN 55016-1-1:2011/A2:2014

Specifikacija uređaja i metoda za mjerjenja radiosmetnja i otpornosti – Dio 1-1: Uređaji za mjerjenje radiosmetnja i otpornosti – Mjerni uređaji (**CISPR 16-1-1:2010/am2:2014**; EN 55016-1-1:2010/A2:2014)

Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus (**CISPR 16-1-1:2010/am2:2014**; EN 55016-1-1:2010/A2:2014)

HN/T/U V1, Elektronika 1

- **umjesto**

EN 60512-12-3:2006/Ispr.1:2014

Connectors for electronic equipment – Tests and measurements – Part 12-3: Soldering tests – Test 12c: Solderability, de-wetting (EN 60512-12-3:2006/AC:2006)

- **treba biti**

HRN EN 60512-12-3:2008/Ispr.1:2014

Connectors for electronic equipment – Tests and measurements – Part 12-3: Soldering tests – Test 12c: Solderability, de-wetting (EN 60512-12-3:2006/AC:2006)

- **umjesto**

HRN EN 50288-1:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – 1. dio: **Opća (generička) specifikacija** (EN 50288-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 1: Generic specification (EN 50288-1:2003)

- **treba biti**

HRN EN 50288-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – 1. dio:

Generička specifikacija (EN 50288-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 1: Generic specification (EN 50288-1:2003)

- **umjesto**

HRN EN 50288-1:2013

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – 1. dio:
Opća (generička) specifikacija (EN 50288-1:2013)
Multi-element metallic cables used in analogue and digital communication and control – Part 1:
Generic specification (EN 50288-1:2013)

- **treba biti**

HRN EN 50288-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – 1. dio:
Generička specifikacija (EN 50288-1:2013)
Multi-element metallic cables used in analogue and digital communication and control – Part 1:
Generic specification (EN 50288-1:2013)

- **umjesto**

HRN EN 50288-2-1:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-1:
Sekcijska specifikacija za oklopljene kabele obilježene sve do 100 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-2-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-1:
Sectional specification for screened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-2-1:2003)

- **treba biti**

HRN EN 50288-2-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-1:
Specifikacija za oklopljene kabele za primjenu do 100 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-2-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-1:
Sectional specification for screened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-2-1:2003)

- **umjesto**

HRN EN 50288-2-1:2013

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-1:
Sekcijska specifikacija za oklopljene kabele obilježene sve do 100 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-2-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-1:
Sectional specification for screened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-2-1:2013)

- **treba biti**

HRN EN 50288-2-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-1:
Specifikacija za oklopljene kabele za primjenu do 100 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-2-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-1:
Sectional specification for screened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-2-1:2013)

- **umjesto**

HRN EN 50288-2-2:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 100 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-2-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-2:
Sectional specification for screened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-2-2:2003)

- **treba biti**

HRN EN 50288-2-2:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-2:
Specifikacija za oklopljene kable **za primjenu** do 100 MHz – **Spojni kabeli u individualnom radnom prostoru i prespojni kabeli** (EN 50288-2-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-2:
Sectional specification for screened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-2-2:2003)

- **umjesto**

HRN EN 50288-2-2:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 100 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-2-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-2:
Sectional specification for screened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-2-2:2013)

- **treba biti**

HRN EN 50288-2-2:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 2-2:
Specifikacija za oklopljene kable **za primjenu** do 100 MHz – **Spojni kabeli u individualnom radnom prostoru i prespojni kabeli** (EN 50288-2-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 2-2:
Sectional specification for screened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-2-2:2013)

- **umjesto**

HRN EN 50288-3-1:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-1:
Sekcijska specifikacija za neoklopljene kable obilježene sve do 100 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-3-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-1:
Sectional specification for unscreened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-3-1:2003)

- **treba biti**

HRN EN 50288-3-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-1:
Specifikacija za neoklopljene kable **za primjenu** do 100 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-3-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-1:
Sectional specification for unscreened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-3-1:2003)

- **umjesto**

HRN EN 50288-3-1:2013

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-1:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 100 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-3-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-1:
Sectional specification for unscreened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-3-1:2013)

- **treba biti**

HRN EN 50288-3-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-1:
Specifikacija za neoklopljene kabele za primjenu do 100 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-3-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-1:
Sectional specification for unscreened cables characterised up to 100 MHz – Horizontal and building backbone cables (EN 50288-3-1:2013)

- **umjesto**

HRN EN 50288-3-2:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-2:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 100 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-3-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-2:
Sectional specification for unscreened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-3-2:2003)

- **treba biti**

HRN EN 50288-3-2:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-2:
Specifikacija za neoklopljene kabele za primjenu do 100 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-3-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-2:
Sectional specification for unscreened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-3-2:2003)

- **umjesto**

HRN EN 50288-3-2:2013

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-2:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 100 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-3-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-2:
Sectional specification for unscreened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-3-2:2013)

- **treba biti**

HRN EN 50288-3-2:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 3-2:
Specifikacija za neoklopljene kabele za primjenu do 100 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-3-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 3-2:
Sectional specification for unscreened cables characterised up to 100 MHz – Work area and patch cord cables (EN 50288-3-2:2013)

- **umjesto**

HRN EN 50288-4-1:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-1:
Sekcijska specifikacija za oklopljene kable obilježene sve do 600 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-4-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-1:
Sectional specification for screened cables characterised up to 600 MHz – Horizontal and building backbone cables (EN 50288-4-1:2003)

- **treba biti**

HRN EN 50288-4-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-1:
Specifikacija za oklopljene kable za primjenu do 600 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-4-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-1:
Sectional specification for screened cables characterised up to 600 MHz – Horizontal and building backbone cables (EN 50288-4-1:2003)

- **umjesto**

HRN EN 50288-4-1:2013

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-1:
Sekcijska specifikacija za oklopljene kable obilježene sve do 600 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-4-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-1:
Sectional specification for screened cables characterised up to 600 MHz – Horizontal and building backbone cables (EN 50288-4-1:2013)

- **treba biti**

HRN EN 50288-4-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-1:
Specifikacija za oklopljene kable za primjenu do 600 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-4-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-1:
Sectional specification for screened cables characterised up to 600 MHz – Horizontal and building backbone cables (EN 50288-4-1:2013)

- **umjesto**

HRN EN 50288-4-2:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 600 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-4-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-2:
Sectional specification for screened cables characterised up to 600 MHz – Work area and patch cord cables (EN 50288-4-2:2003)

- **treba biti**

HRN EN 50288-4-2:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-2:
Specifikacija za oklopljene kable za primjenu do 600 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-4-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-2:
Sectional specification for screened cables characterised up to 600 MHz – Work area and patch cord cables (EN 50288-4-2:2003)

- **umjesto**

HRN EN 50288-4-2:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 600 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-4-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-2:
Sectional specification for screened cables characterised up to 600 MHz – Work area and patch cord cables (EN 50288-4-2:2013)

- **treba biti**

HRN EN 50288-4-2:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 4-2:
Specifikacija za oklopljene kable **za primjenu** do 600 MHz – **Spojni kabeli u individualnom radnom prostoru i prespojni kabeli** (EN 50288-4-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 4-2:
Sectional specification for screened cables characterised up to 600 MHz – Work area and patch cord cables (EN 50288-4-2:2013)

- **umjesto**

HRN EN 50288-5-1:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-1:
Sekcijska specifikacija za oklopljene kable obilježene sve do 250 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-5-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-1:
Sectional specification for screened cables characterized up to 250 MHz – Horizontal and building backbone cables (EN 50288-5-1:2003)

- **treba biti**

HRN EN 50288-5-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-1:
Specifikacija za oklopljene kable **za primjenu** do 250 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-5-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-1:
Sectional specification for screened cables characterized up to 250 MHz – Horizontal and building backbone cables (EN 50288-5-1:2003)

- **umjesto**

HRN EN 50288-5-1:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-1:
Sekcijska specifikacija za oklopljene kable obilježene sve do 250 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-5-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-1:
Sectional specification for screened cables characterized up to 250 MHz – Horizontal and building backbone cables (EN 50288-5-1:2013)

- **treba biti**

HRN EN 50288-5-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-1:
Specifikacija za oklopljene kable **za primjenu** do 250 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-5-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-1:
Sectional specification for screened cables characterized up to 250 MHz – Horizontal and building backbone cables (EN 50288-5-1:2013)

- **umjesto**

HRN EN 50288-5-2:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 250 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-5-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-2:
Sectional specification for screened cables characterized up to 250 MHz – Work area and patch cord cables (EN 50288-5-2:2003)

- **treba biti**

HRN EN 50288-5-2:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-2:
Specifikacija za oklopljene kable za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-5-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-2:
Sectional specification for screened cables characterized up to 250 MHz – Work area and patch cord cables (EN 50288-5-2:2003)

- **umjesto**

HRN EN 50288-5-2:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-2:
Sekcijska specifikacija za oklopljene kable obilježene sve do 250 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-5-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-2:
Sectional specification for screened cables characterized up to 250 MHz – Work area and patch cord cables (EN 50288-5-2:2013)

- **treba biti**

HRN EN 50288-5-2:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 5-2:
Specifikacija za oklopljene kable za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-5-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 5-2:
Sectional specification for screened cables characterized up to 250 MHz – Work area and patch cord cables (EN 50288-5-2:2013)

- **umjesto**

HRN EN 50288-6-1:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-1:
Sekcijska specifikacija za neoklopljene kable obilježene sve do 250 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-6-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-1:
Sectional specification for unscreened cables characterised up to 250 MHz – Horizontal and building backbone cables (EN 50288-6-1:2003)

- **treba biti**

HRN EN 50288-6-1:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-1:
Specifikacija za neoklopljene kable za primjenu do 250 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-6-1:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-1:
Sectional specification for unscreened cables characterised up to 250 MHz – Horizontal and building backbone cables (EN 50288-6-1:2003)

- **umjesto**

HRN EN 50288-6-1:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-1:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 250 MHz – Vodoravni i magistralni kabeli u zgradbi (EN 50288-6-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-1:
Sectional specification for unscreened cables characterised up to 250 MHz – Horizontal and building backbone cables (EN 50288-6-1:2013)

- **treba biti**

HRN EN 50288-6-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-1:
Specifikacija za neoklopljene kabele za primjenu do 250 MHz – Kabeli etažnog razvoda i kabeli okosnice zgrade (EN 50288-6-1:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-1:
Sectional specification for unscreened cables characterised up to 250 MHz – Horizontal and building backbone cables (EN 50288-6-1:2013)

- **umjesto**

HRN EN 50288-6-2:2008

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-2:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 250 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-6-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-2:
Sectional specification for unscreened cables characterised up to 250 MHz – Work area and patch cord cables (EN 50288-6-2:2003)

- **treba biti**

HRN EN 50288-6-2:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-2:
Specifikacija za neoklopljene kabele za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-6-2:2003)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-2:
Sectional specification for unscreened cables characterised up to 250 MHz – Work area and patch cord cables (EN 50288-6-2:2003)

- **umjesto**

HRN EN 50288-6-2:2013

Višežilni metalni kabeli **upotrijebljeni** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-2:
Sekcijska specifikacija za neoklopljene kabele obilježene sve do 250 MHz – Kabeli radnog prostora i preostalih veza (EN 50288-6-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-2:
Sectional specification for unscreened cables characterised up to 250 MHz – Work area and patch cord cables (EN 50288-6-2:2013)

- **treba biti**

HRN EN 50288-6-2:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 6-2:
Specifikacija za neoklopljene kabele za primjenu do 250 MHz – Spojni kabeli u individualnom radnom prostoru i prespojni kabeli (EN 50288-6-2:2013)

Multi-element metallic cables used in analogue and digital communication and control – Part 6-2:
Sectional specification for unscreened cables characterised up to 250 MHz – Work area and patch cord cables (EN 50288-6-2:2013)

- **umjesto**

HRN EN 50288-7:2008

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – 7. dio:

Sekcijska specifikacija za kable za **primjenu** instrumenata i upravljanje (EN 50288-7:2005)

Multi-element metallic cables used in analogue and digital communication and control – Part 7:

Sectional specification for instrumentation and control cables (EN 50288-7:2005)

- **treba biti**

HRN EN 50288-7:2008

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – 7. dio:

Specifikacija za kable za **priklučak** instrumenata i upravljanje (EN 50288-7:2005)

Multi-element metallic cables used in analogue and digital communication and control – Part 7:

Sectional specification for instrumentation and control cables (EN 50288-7:2005)

- **umjesto**

HRN EN 50288-8:2012

Višežilni metalni kabeli **upotrijebeni** u analognim i digitalnim komunikacijama i upravljanju – 8. dio:

Specifikacija za tip 1 kabela **obilježena sve** do 2 MHz (EN 50288-8:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 8:

Specification for type 1 cables characterised up to 2 MHz (EN 50288-8:2012)

- **treba biti**

HRN EN 50288-8:2012

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – 8. dio:

Specifikacija za tip 1 kabela **za primjenu** do 2 MHz (EN 50288-8:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 8:

Specification for type 1 cables characterised up to 2 MHz (EN 50288-8:2012)

- **umjesto**

HRN EN 50288-9-1:2013

Višežilni metalni kabeli **koji se upotrebljavaju** u analognim i digitalnim komunikacijama i upravljanju –

Dio 9-1: **Sekcijska** specifikacija za oklopljene kable **obilježene** do 1000 MHz – **Vodoravni i**

magistralni kabeli u zgradbi (EN 50288-9-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 9-1:

Sectional specification for screened cables characterised up to 1000 MHz – Horizontal and building backbone cables (EN 50288-9-1:2012)

- **treba biti**

HRN EN 50288-9-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 9-1:

Specifikacija za oklopljene kable **za primjenu** do 1000 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-9-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 9-1:

Sectional specification for screened cables characterised up to 1000 MHz – Horizontal and building backbone cables (EN 50288-9-1:2012)

- **umjesto**

HRN EN 50288-10-1:2013

Višežilni metalni kabeli **koji se upotrebljavaju** u analognim i digitalnim komunikacijama i upravljanju –

Dio 10-1: **Sekcijska** specifikacija za oklopljene kable **obilježene** do 500 MHz – **Vodoravni kabeli na katu i magistralni kabeli u zgradbi** (EN 50288-10-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 10-1:

Sectional specification for screened cables characterized up to 500 MHz – Horizontal floor and building backbone cables (EN 50288-10-1:2012)

- **treba biti**

HRN EN 50288-10-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 10-1: Specifikacija za oklopljene kable **za primjenu** do 500 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-10-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 10-1: Sectional specification for screened cables characterized up to 500 MHz – Horizontal floor and building backbone cables (EN 50288-10-1:2012)

- **umjesto**

HRN EN 50288-11-1:2013

Višežilni metalni kabeli **koji se upotrebljavaju** u analognim i digitalnim komunikacijama i upravljanju – Dio 11-1: **Sekcijska specifikacija za oklopljene kable obilježene** do 500 MHz – **Vodoravni i magistralni kabeli u zgradama** (EN 50288-11-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 11-1: Sectional specification for un-screened cables characterised up to 500 MHz – Horizontal and building backbone cables (EN 50288-11-1:2012)

- **treba biti**

HRN EN 50288-11-1:2013

Višežilni metalni kabeli **za uporabu** u analognim i digitalnim komunikacijama i upravljanju – Dio 11-1: Specifikacija za **neoklopljene kable za primjenu** do 500 MHz – **Kabeli etažnog razvoda i kabeli okosnice zgrade** (EN 50288-11-1:2012)

Multi-element metallic cables used in analogue and digital communication and control – Part 11-1: Sectional specification for un-screened cables characterised up to 500 MHz – Horizontal and building backbone cables (EN 50288-11-1:2012)

- **umjesto**

HRN EN 50412-2-1:2008

Komunikacijska oprema i sustavi pomoću energetskih vodova za uporabu u niskonaponskim instalacijama u frekvencijskom području od 1,6 MHz do 30 MHz – Dio 2-1: Stambeno, poslovno i industrijsko okruženje – Zahtjevi za otpornost (EN 50412-2-1:2005)

Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 2-1: Residential, commercial and industrial environment – Immunity requirements (EN 50412-2-1:2005)

- **treba biti**

HRN EN 50412-2-1:2008

Uređaji i sustavi za komunikaciju putem energetskih vodova koji se upotrebljavaju u niskonaponskim instalacijama u frekvencijskom području od 1,6 MHz do 30 Mhz – Dio 2-1: Stambeno, poslovno i industrijsko okruženje – Zahtjevi za otpornost (EN 50412-2-1:2005)

Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 2-1: Residential, commercial and industrial environment – Immunity requirements (EN 50412-2-1:2005)

- **umjesto**

HRN EN 50412-2-1:2008/Ispr.1:2009

Komunikacijska oprema i sustavi pomoću energetskih vodova za uporabu u niskonaponskim instalacijama u frekvencijskom području od 1,6 MHz do 30 MHz – Dio 2-1: Stambeno, poslovno i industrijsko okruženje – Zahtjevi za otpornost (EN 50412-2-1:2005/AC:2009)

Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 2-1: Residential, commercial and industrial environment – Immunity requirements (EN 50412-2-1:2005/AC:2009)

- **treba biti**

HRN EN 50412-2-1:2008/Ispr.1:2009

Uređaji i sustavi za komunikaciju putem energetskih vodova koji se upotrebljavaju u niskonaponskim instalacijama u frekvencijskom području od 1,6 MHz do 30 Mhz – Dio 2-1: Stambeno, poslovno i industrijsko okruženje – Zahtjevi za otpornost (EN 50412-2-1:2005/AC:2009)
Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 2-1: Residential, commercial and industrial environment – Immunity requirements (EN 50412-2-1:2005/AC:2009)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

Te su hrvatske norme ranije objavljene samo s naslovima na engleskome jeziku pa se sada objavljaju njihovi naslovi na hrvatskome jeziku, koji nisu nužno uključeni u norme koje su prethodno objavljene. Obavijest o naslovima na hrvatskome jeziku smatra se službenom informacijom.

HN/TU V1, Elektronika 1

HRN EN 45544-1:2008

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije otrovnih plinova i para – 1. dio: Opći zahtjevi i metode ispitivanja (EN 45544-1:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 1: General requirements and test methods (EN 45544-1:1999)

HRN EN 45544-2:2008

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije otrovnih plinova i para – 2. dio: Zahtjevi za izvedbu uređaja koji se upotrebljavaju za mjerjenje koncentracije u područjima graničnih vrijednosti (EN 45544-2:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 2: Performance requirements for apparatus used for measuring concentrations in the region of limit values (EN 45544-2:1999)

HRN EN 45544-3:2008

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije otrovnih plinova i para – 3. dio: Zahtjevi za izvedbu uređaja za mjerjenje koncentracije iznad graničnih vrijednosti (EN 45544-3:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 3: Performance requirements for apparatus used for measuring concentrations well above limit values (EN 45544-3:1999)

HRN EN 45544-4:2008

Atmosfere radnih prostora – Električni uređaji za izravno otkrivanje i izravno mjerjenje koncentracije otrovnih plinova i para – 4. dio: Uputa za odabir, ugradnju, uporabu i održavanje (EN 45544-4:1999)
Workplace atmospheres – Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours – Part 4: Guide for selection, installation, use and maintenance (EN 45544-4:1999)

HRN EN 50117-3:2008

Koaksijalni kabeli koji se koriste u kabliranim distribucijskim mrežama – 3. dio: Sekcijska specifikacija za viseće kabele na otvorenom (prostoru) (EN 50117-3:1996)
Coaxial cables used in cabled distribution networks – Part 3: Sectional specification for outdoor drop cables (EN 50117-3:1996)

HRN EN 50117-4:2008

Koaksijalni kabeli koji se koriste u kabliranim distribucijskim mrežama – 4. dio: Sekcijska specifikacija za razdjelne i glavne međumjesne kabele (EN 50117-4:1996)
Coaxial cables used in cabled distribution networks – Part 4: Sectional specification for distribution and trunk cables (EN 50117-4:1996)

HRN EN 50117-5:2008

Koaksijalni kabeli koji se koriste u kabliranim distribucijskim mrežama – 5. dio: Sekcijska specifikacija za viseće kabele u zatvorenom (prostoru) za sustave koji rade na frekvencijama od 5 MHz do 2150 MHz (EN 50117-5:1997)

Coaxial cables used in cabled distribution networks – Part 5: Sectional specification for indoor drop cables for use in networks operating at frequencies between 5 MHz and 2150 MHz (EN 50117-5:1997)

HRN EN 50117-6:2008

Koaksijalni kabeli koji se koriste u kabliranim distribucijskim mrežama – 6. dio: Sekcijska specifikacija za viseće kabele na otvorenom (prostoru) za sustave koji rade na frekvencijama od 5 MHz do 2150 MHz (EN 50117-6:1997)

Coaxial cables used in cabled distribution networks – Part 6: Sectional specification for outdoor drop cables for use in networks operating at frequencies between 5 MHz and 2150 MHz (EN 50117-6:1997)

HRI CLC/TR 50117-8:2013

Koaksijalni kabeli koji se koriste u kabliranim distribucijskim mrežama – 8. dio: Popravak i zamjena oštećenih ukopanih kabela (CLC/TR 50117-8:2013)

Coaxial cables used in cabled distribution networks – Part 8: Repair and substitute of damaged buried cables (CLC/TR 50117-8:2013)

HRI CLC/TR 50412-1:2010

Uređaji i sustavi za komunikaciju putem energetskih vodova koji se upotrebljavaju u niskonaponskim instalacijama u frekvencijskom području od 1,6 MHz do 30 MHz – 1. dio: Općenito (CLC/TR 50412-1:2007)
Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz – Part 1: General (CLC/TR 50412-1:2007)

1.10 Prijevodi hrvatskih normativnih dokumenata

HN/T 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN ISO 5455:2005 hr-en pr-pp

Tehnički crteži – Mjerila (ISO 5455:1979; EN ISO 5455:1994)

Technical drawings – Scales (ISO 5455:1979; EN ISO 5455:1994)

HN/T 551, Gradnja

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN ISO 9836:2011 hr-en pr-pp

Standardi za svojstva zgrada – Definicija i proračun pokazatelja ploštine i prostora (ISO 9836:2011)

Performance standards in building – Definition and calculation of area and space indicators (ISO 9836:2011)

2 Rezultati međunarodne i europske normizacije razvrstani po predmetnom ustroju

01.020 Nazivlje (načela i usklađivanje)

Međunarodna normizacija
ISO

ISO 24156-1:2014-10

Graphic notations for concept modelling in terminology work and its relationship with UML – Part 1: Guidelines for using UML notation in terminology work

01.040.03 Usluge. Ustrojstvo poduzeća i upravljanje poduzećem. Uprava. Prijevoz. Sociologija (Rječnici)

Međunarodna normizacija
ISO

ISO/TR 17465-1:2014-10

Intelligent transport systems – Cooperative ITS – Part 1: Terms and definitions

01.040.11 Tehnologija zdravstvene skrbi (Rječnici)

Međunarodna normizacija
ISO

ISO 8549-4:2014-11

Prosthetics and orthotics – Vocabulary – Part 4: Terms relating to limb amputation

01.040.21 Mehanički sustavi i sastavnice za opću uporabu (Rječnici)

Europska normizacija
CEN

EN ISO 1891-2:2014-10

Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings (ISO 1891-2:2014)

Međunarodna normizacija
ISO

ISO 1891-2:2014-10

Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings

01.040.29 Elektrotehnika (Rječnici)

Europska normizacija
CENELEC

EN 62504:2014-09

General lighting – Light emitting diode (LED) products and related equipment – Terms and definitions (IEC 62504:2014)

Međunarodna normizacija
IEC

IEC 60050-561:2014-11
International electrotechnical vocabulary – Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection

01.040.31 Elektronika (Rječnici)

Međunarodna normizacija
IEC

IEC 60050-561:2014-11
International electrotechnical vocabulary – Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection

01.040.35 Informacijska tehnika. Uredski strojevi (Rječnici)

Međunarodna normizacija
ISO

ISO/TR 17465-1:2014-10
Intelligent transport systems – Cooperative ITS – Part 1: Terms and definitions

ISO/IEC 17788:2014-10
Information technology – Cloud computing – Overview and vocabulary

01.040.37 Tehnika obradbe slike (Rječnici)

Međunarodna normizacija
ISO

ISO 14132-3:2014-11
Optics and photonics – Vocabulary for telescopic systems – Part 3: Terms for telescopic sights

01.040.59 Tekstilna i kožna tehnologija (Rječnici)

Europska normizacija
CEN

EN ISO 6938:2014-11
Textiles – Natural fibres – Generic names and definitions (ISO 6938:2012)

01.040.83 Industrija gume i plastike (Rječnici)

Europska normizacija
CEN

EN ISO 18064:2014-12
Thermoplastic elastomers – Nomenclature and abbreviated terms (ISO 18064:2014)

01.040.87 Industrija boja (Rječnici)

Europska normizacija
CEN

EN ISO 4618:2014-10
Paints and varnishes – Terms and definitions (ISO 4618:2014)

Međunarodna normizacija
ISO

ISO 4618:2014-10
Paints and varnishes – Terms and definitions

01.040.91 Konstrukcijski materijali i gradnja (Rječnici)

Međunarodna normizacija
ISO

ISO 13105-1:2014-12
Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 1: Terms and commercial specifications

01.080.10 Znakovi za javne obavijesti

Međunarodna normizacija
ISO

ISO 9186-3:2014-10
Graphical symbols – Test methods – Part 3: Method for testing symbol referent association

01.080.40 Grafički znakovi za uporabu u električnim i elektroničkim crtežima, shemama, grafikonima i odgovarajućoj dokumentaciji o tehničkome proizvodu

Međunarodna normizacija
IEC

IEC 62744:2014-11
Representation of states of objects by graphical symbols

01.110 Tehnička dokumentacija o proizvodu

Međunarodna normizacija
IEC

IEC 82045-1 Corrigendum 1:2014-10
Document management – Part 1: Principles and methods; Corrigendum 1

IEC 82045-2 Corrigendum 1:2014-10
Document management – Part 2: Metadata elements and information reference model; Corrigendum 1

01.120 Normizacija. Opća pravila

Europska normizacija CEN-CENELEC

CEN-CENELEC Guide 29:2014-11
CEN/CENELEC Workshop Agreements – The way to rapid consensus

CENELEC Guide 12:2014-11
Procedure for the withdrawal of conflicting national standards at the implementation of European Standards prepared under a Part 1/Part 2X system

ETSI

ETSI SR 000314 V 2.16.1:2014-11
Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

03.080.01 Usluge općenito

Međunarodna normizacija ISO

ISO 37500:2014-11
Guidance on outsourcing

03.080.30 Usluge za potrošače

Međunarodna normizacija ISO

ISO 13687:2014-11
Tourism and related services – Yacht harbours – Minimum requirements

03.100.01 Ustroj poduzeća i upravljanje poduzećem općenito

Europska normizacija CEN

EN ISO 22311:2014-11
Societal security – Video-surveillance – Export interoperability (ISO 22311:2012)

EN ISO 22313:2014-11
Societal security – Business continuity management systems – Guidance (ISO 22313:2012)

03.100.30 Upravljanje ljudskim resursima

Međunarodna normizacija ISO

ISO/IEC 19788-4:2014-12
Information technology – Learning, education and training – Metadata for learning resources – Part 4: Technical elements

03.100.50 Proizvodnja. Upravljanje proizvodnjom

Europska normizacija

CEN

CEN/TR 15367-1:2014-10

Petroleum products – Guidelines for good housekeeping – Part 1: Automotive diesel fuels

03.120.01 Kvaliteta općenito

Europska normizacija

CENELEC

EN 60300-1:2014-09

Dependability management – Part 1: Guidance for management and application (IEC 60300-1:2014)

03.120.20 Certificiranje proizvoda i tvrtki. Ocjenjivanje sukladnosti

Međunarodna normizacija

ISO

ISO 16919:2014-11

Space data and information transfer systems – Requirements for bodies providing audit and certification of candidate trustworthy digital repositories

IEC

IECEE 01:2014-11

IEC System of conformity assessment schemes for electrotechnical equipment and components (IECEE) – Basic rules

03.140 Patenti. Intelektualno vlasništvo

Europska normizacija

ETSI

ETSI SR 000314 V 2.16.1:2014-11

Intellectual Property Rights (IPRs) – Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

03.200 Slobodno vrijeme. Turizam

Međunarodna normizacija

ISO

ISO 13687:2014-11

Tourism and related services – Yacht harbours – Minimum requirements

03.220.01 Prijevoz općenito

Međunarodna normizacija ISO

ISO/TR 17465-1:2014-10

Intelligent transport systems – Cooperative ITS – Part 1: Terms and definitions

ISO 29281-2 AMD 1:2014-10

Intelligent transport systems – Communication access for land mobiles (CALM) – Non-IP networking – Part 2: Legacy system support; Amendment 1

07.060 Geologija. Meteorologija. Hidrologija

Međunarodna normizacija ISO

ISO/TR 13973:2014-11

Artificial recharge to groundwater

07.100.99 Druge norme koje se odnose na mikrobiologiju

Europska normizacija CEN

EN ISO 17516:2014-10

Cosmetics – Microbiology – Microbiological limits (ISO 17516:2014)

Međunarodna normizacija ISO

ISO 17516:2014-10

Cosmetics – Microbiology – Microbiological limits

11.040.01 Medicinska oprema općenito

Europska normizacija CEN/CENELEC

EN 60601-1/A12:2014-10

Medical electrical equipment – Part 1: General requirements for basic safety and essential performance

EN 62353

Medizinische elektrische Geräte – Wiederholungsprüfungen und Prüfung nach Instandsetzung von medizinischen elektrischen Geräten (IEC 62353:2014)

CEN/CLC/TR 14060:2014-12

Medical device traceability enabled by unique device identification (UDI)

Međunarodna normizacija ISO

ISO/TR 80001-2-6:2014-12

Application of risk management for IT-networks incorporating medical devices – Part 2-6: Application guidance – Guidance for responsibility agreements

11.040.10 Anestezijska, respiracijska i reanimacijska oprema

Europska normizacija CEN

EN ISO 5359:2014-10

Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases
(ISO 5359:2014)

EN ISO 5367:2014-10

Anaesthetic and respiratory equipment – Breathing sets and connectors (ISO 5367:2014)

EN ISO 8836:2014-10

Suction catheters for use in the respiratory tract (ISO 8836:2014)

EN ISO 11990-1:2014-10

Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 1:
Tracheal tube shaft (ISO 11990-1:2011)

EN ISO 11990-2:2014-10

Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 2:
Tracheal tube cuffs (ISO 11990-2:2010)

Međunarodna normizacija ISO

ISO 5359:2014-10

Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases

ISO 5367:2014-10

Anaesthetic and respiratory equipment – Breathing sets and connectors

ISO 8836:2014-10

Suction catheters for use in the respiratory tract

11.040.25 Šprice. Igle. Kateteri

Europska normizacija CEN

EN ISO 8836:2014-10

Suction catheters for use in the respiratory tract (ISO 8836:2014)

EN ISO 11070 : 2014-11

Sterile single-use intravascular introducers, dilators and guidewires (ISO 11070:2014)

Međunarodna normizacija ISO

ISO 8836:2014-10

Suction catheters for use in the respiratory tract

ISO 11070:2014-11

Sterile single-use intravascular introducers, dilators and guidewires

11.040.40 Implantati za kirurgiju, protetiku i ortotiku

Međunarodna normizacija ISO

ISO 14242-1:2014-10

Implants for surgery – Wear of total hip-joint prostheses – Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test

ISO 14243-3:2014-11

Implants for surgery – Wear of total knee-joint prostheses – Part 3: Loading and displacement parameters for wear-testing machines with displacement control and corresponding environmental conditions for test

ISO 8549-4:2014-11

Prosthetics and orthotics – Vocabulary – Part 4: Terms relating to limb amputation

ISO 8828:2014-11

Chirurgische Implantate – Richtlinie für die Pflege und Handhabung orthopädischer Implantate
Implants for surgery – Guidance on care and handling of orthopaedic implants

11.040.50 Radiografska oprema

Europska normizacija CENELEC

EN 60601-2-64

Medizinische elektrische Geräte – Teil 2-64: Besondere Festlegungen für die Sicherheit einschließlich der wesentlichen Leistungsmerkmale von Leichtionen-Bestrahlungseinrichtungen
(IEC 60601-2-64:2014)

EN 60601-2-68

Medizinische elektrische Geräte – Teil 2-68: Besondere Festlegungen für die Sicherheit einschließlich der wesentlichen Leistungsmerkmale von röntgenstrahlungsbasierten Geräten für die bildgesteuerte Strahlentherapie zur Verwendung mit Elektronenbeschleunigern, Leichtionen-Strahlentherapiesystemen und Radionuklid-Strahlentherapiesystemen (IEC 60601-2-68:2014)

EN 61331-1:2014-10

Protective devices against diagnostic medical X-radiation – Part 1: Determination of attenuation properties of materials (IEC 61331-1:2014)

EN 61331-2:2014-10

Protective devices against diagnostic medical X-radiation – Part 2: Translucent protective plates
(IEC 61331-2:2014)

EN 61331-3:2014-08

Protective devices against diagnostic medical X-radiation – Part 3: Protective clothing, eyewear and protective patient shields (IEC 61331-3:2014)

EN 61910-1:2014-11

Medical electrical equipment – Radiation dose documentation – Part 1: Radiation dose structured reports for radiography and radioscopy (IEC 61910-1:2014)

11.040.70 Oftalmološka oprema

Europska normizacija

CEN

EN ISO 11978:2014-10

Ophthalmic optics – Contact lenses and contact lens care products – Labelling (ISO 11978:2014)

EN ISO 11979-6:2014-10

Ophthalmic implants – Intraocular lenses – Part 6: Shelf-life and transport stability testing (ISO 11979-6:2014)

EN ISO 14730:2014-10

Ophthalmic optics – Contact lens care products – Antimicrobial preservative efficacy testing and guidance on determining discard date (ISO 14730:2014)

CENELEC

EN 80601-2-58

Medizinische elektrische Geräte – Teil 2-58: Besondere Festlegungen für die Sicherheit einschließlich der wesentlichen Leistungsmerkmale für Geräte zur Linsenentfernung und Geräte zur Glaskörperentfernung in der Augenchirurgie (IEC 80601-2-58:2014)

Međunarodna normizacija

ISO

ISO 11978:2014-10

Ophthalmic optics – Contact lenses and contact lens care products – Labelling

ISO 11979-6:2014-10

Ophthalmic implants – Intraocular lenses – Part 6: Shelf-life and transport stability testing

ISO 14730:2014-10

Ophthalmic optics – Contact lens care products – Antimicrobial preservative efficacy testing and guidance on determining discard date

ISO 18259:2014-10

Ophthalmic optics – Contact lens care products – Method to assess contact lens care products with contact lenses in a lens case, challenged with bacterial and fungal organisms

11.060.10 Zubarska gradiva

Europska normizacija

CEN

EN ISO 13116:2014-11

Dentistry – Test Method for Determining Radio-Opacity of Materials (ISO 13116:2014)

Međunarodna normizacija

ISO

ISO 13116:2014-11

Dentistry – Test Method for Determining Radio-Opacity of Materials

11.060.20 Zubarska oprema

Europska normizacija

CEN

EN ISO 9680:2014-10

Dentistry – Operating lights (ISO 9680:2014)

Međunarodna normizacija

ISO

ISO 9680:2014-10

Dentistry – Operating lights

11.080.20 Dezinfektanti i antiseptici

Europska normizacija

CEN

EN ISO 11140-1:2014-11

Sterilization of health care products – Chemical indicators – Part 1: General requirements
(ISO 11140-1:2014)

Međunarodna normizacija

ISO

ISO 11140-1:2014-11

Sterilization of health care products – Chemical indicators – Part 1: General requirements

11.100.20 Biološka ocjena medicinskih uređaja

Europska normizacija

CEN

EN ISO 10993-3:2014-10

Biological evaluation of medical devices – Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (ISO 10993-3:2014)

Međunarodna normizacija

ISO

ISO 10993-3:2014-10

Biological evaluation of medical devices – Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity

11.180.01 Pomoć za invalidne i hendikepirane osobe općenito

Međunarodna normizacija

ISO

ISO 17069:2014-10

Accessible design – Consideration and assistive products for accessible meeting

IEC

IEC/TR 62907:2014-10

Use cases related to Ambient Assisted Living (AAL) in the field of audio, video and multimedia systems and equipment

11.180.10 Pomagala i prilagodbe za kretanje

Međunarodna normizacija

ISO

ISO 7176-1:2014-10

Wheelchairs – Part 1: Determination of static stability

11.180.15 Pomagala za gluhe i osobe s oslabljenim slušom

Europska normizacija

CENELEC

EN 62489-2:2014-10

Electroacoustics – Audio-frequency induction loop systems for assisted hearing – Part 2: Methods of calculating and measuring the low-frequency magnetic field emissions from the loop for assessing conformity with guidelines on limits for human exposure (IEC 62489-2:2014)

11.200 Nadzor nad rađanjem. Mehanička kontracepcija sredstva

Međunarodna normizacija

ISO

ISO 8009:2014-11

Mechanical contraceptives – Reusable natural and silicone rubber contraceptive diaphragms – Requirements and tests

13.020.20 Ekogospodarstvo

Međunarodna normizacija

ISO

IWA 13:2014-11

Multiple resource evaluation guideline

13.020.99 Druge norme koje se odnose na zaštitu okoliša

Međunarodna normizacija

ISO

ISO 17325-2:2014-10

Ships and marine technology – Marine environment protection – Oil booms – Part 2: Strength and performance requirements

ISO 18611-1:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 1: Quality requirements

ISO 18611-2:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 2: Test methods

ISO 18611-3:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 3: Handling, transportation and storage

13.030.01 Otpad općenito

Europska normizacija

CEN

EN 16424:2014-10

Characterization of waste – Screening methods for the element composition by portable X-ray fluorescence instruments

13.030.20 Tekući otpad. Talog

Europska normizacija

CEN

CEN/TR 16394:2014-11

Characterization of sludges – Protocol for preparing synthetic suspensions

CEN/TR 16788:2014-11

Characterization of sludges – Guideline of good practice for thermal processes

13.030.30 Posebni otpad

Europska normizacija

CENELEC

CLC/TS 50574-2

Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons – Part 2: Specification for de-pollution

13.030.40 Instalacije i oprema za odlaganje i obradbu otpada

Europska normizacija

CENELEC

CLC/TS 50574-2

Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons – Part 2: Specification for de-pollution

Međunarodna normizacija

ISO

ISO 18309:2014-10

Ships and marine technology – Incinerator sizing and selection – Guidelines

13.030.50 Recikliranje

Europska normizacija

CEN

EN 15346:2014-11

Plastics – Recycled plastics – Characterization of poly(vinyl chloride) (PVC) recyclates

EN 15348:2014-11

Plastics – Recycled plastics – Characterization of poly(ethylene terephthalate) (PET) recyclates

3.040.20 Atmosfera okoliša

Međunarodna normizacija

ISO

ISO 16000-20:2014-12

Indoor air – Part 20: Detection and enumeration of moulds – Determination of total spore count

13.040.40 Ispuštanja iz nepomičnih izvora

Europska normizacija

CEN

EN 14181:2014-11

Stationary source emissions – Quality assurance of automated measuring systems

13.060.20 Voda za piće

Europska normizacija

CEN

EN 14718:2014-12

Influence of organic materials on water intended for human consumption – Determination of the chlorine demand – Test method

13.080.20 Fizikalna svojstva tla

Europska normizacija

CEN

EN ISO 17892-1:2014-12

Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content (ISO 17892-1:2014)

EN ISO 17892-2:2014-12

Geotechnical investigation and testing – Laboratory testing of soil – Part 2: Determination of bulk density (ISO 17892-2:2014)

13.080.30 Biologiska svojstva tla

Međunarodna normizacija

ISO

ISO 11268-3:2014-10

Soil quality – Effects of pollutants on earthworms – Part 3: Guidance on the determination of effects in field situations

13.110 Sigurnost strojeva

Međunarodna normizacija

ISO

ISO 13105-2:2014-12

Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 2: Safety requirements and verification

13.180 Ergonomija

Europska normizacija

CEN

EN ISO 15007-1:2014-11

Road vehicles – Measurement of driver visual behaviour with respect to transport information and control systems – Part 1: Definitions and parameters (ISO 15007-1:2014)

Međunarodna normizacija

ISO

ISO 17069:2014-10

Accessible design – Consideration and assistive products for accessible meeting

ISO 15007-1:2014-11

Road vehicles – Measurement of driver visual behaviour with respect to transport information and control systems – Part 1: Definitions and parameters

13.220.40 Zapaljivost i ponašanje materijala i proizvoda pri izgaranju

Europska normizacija

CEN

EN 16602-70-21:2014-10

Space product assurance – Flammability testing for the screening of space materials

Međunarodna normizacija

IEC

IEC 60695-1-11:2014-10

Fire hazard testing – Part 1-11: Guidance for assessing the fire hazard of electrotechnical products – Fire hazard assessment

13.220.50 Vatrootpornost građevnih materijala i elemenata

Europska normizacija CEN

EN 1365-2:2014-11

Fire resistance tests for loadbearing elements – Part 2: Floors and roofs

EN 13381-5:2014-11

Test methods for determining the contribution to the fire resistance of structural members – Part 5: Applied protection to concrete/profiled sheet steel composite member

EN 13823+A1:2014-11

Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item

13.260 Zaštita od električnog udara

Međunarodna normizacija IEC

IEC 61243-3:2014-10

Live working – Voltage detectors – Part 3: Two-pole low-voltage type

IEC 61481-1:2014-10

Live working – Phase comparators – Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.

IEC 61481-2:2014-10

Live working – Phase comparators – Part 2: Resistive type to be used for voltages from 1kV to 36 kV a.c.

IEC 61482-1-2:2014-10

Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-2: Test methods – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test)

13.280 Zaštita od zračenja

Europska normizacija CEN

EN ISO 2919:2014-11

Radiological protection – Sealed radioactive sources – General requirements and classification (ISO 2919:2012)

EN 61331-1:2014-10

Protective devices against diagnostic medical X-radiation – Part 1: Determination of attenuation properties of materials (IEC 61331-1:2014)

EN 61331-2:2014-10

Protective devices against diagnostic medical X-radiation – Part 2: Translucent protective plates (IEC 61331-2:2014)

EN 61331-3:2014-08

Protective devices against diagnostic medical X-radiation – Part 3: Protective clothing, eyewear and protective patient shields (IEC 61331-3:2014)

Međunarodna normizacija
IEC

ISO 17099:2014-11

Radiological protection – Performance criteria for laboratories using the cytokinesis block micronucleus (CBMN) assay in peripheral blood lymphocytes for biological dosimetry

13.300 Zaštita od opasnih tvari

Europska normizacija
CEN

EN 12561-3/AC:2014-11

Railway applications – Tank wagons – Part 3: Bottom filling and emptying devices for gases liquefied under pressure

13.310 Zaštita od kriminala

Europska normizacija
CEN

EN ISO 22311:2014-11

Societal security – Video-surveillance – Export interoperability (ISO 22311:2012)

13.320 Alarmni sustavi i sustavi uzbunjivanja

Europska normizacija
CENELEC

EN 50130-4/A1:2014-10

Alarm systems – Part 4: Electromagnetic compatibility – Product family standard – Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems

Međunarodna normizacija
IEC

IEC 62682:2014-10

Management of Alarm Systems for the Process Industries

13.340.10 Zaštitna odjeća

Europska normizacija
CENELEC

EN 61331-3:2014-08

Protective devices against diagnostic medical X-radiation – Part 3: Protective clothing, eyewear and protective patient shields (IEC 61331-3:2014)

Međunarodna normizacija
IEC

IEC 61482-1-2:2014-10

Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-2: Test methods – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc (box test)

13.340.30 Uređaji za zaštitu dišnih organa

Međunarodna normizacija ISO

ISO 16900-1:2014-10

Respiratory protective devices – Methods of test and test equipment – Part 1: Determination of inward leakage

13.340.70 Prsluci za spašavanje, pomagala i naprave za plutanje

Europska normizacija CEN

EN 13138-2:2014-12

Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held

EN 13138-3:2014-12

Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn

13.340.99 Drugi zaštitni uređaji

Europska normizacija CEN

EN ISO 25980:2014-10

Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes (ISO 25980:2014)

Međunarodna normizacija ISO

ISO 25980:2014-10

Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes

17.120.20 Protok u otvorenim kanalima

Europska normizacija CEN

EN ISO 4375:2014-11

Hydrometry – Cableway systems for stream gauging (ISO 4375:2014)

Međunarodna normizacija ISO

ISO 4375:2014-11

Hydrometry – Cableway systems for stream gauging

17.140.20 Buka koju proizvode strojevi i oprema

Međunarodna normizacija

IEC

IEC 60704-2-5 AMD 1:2014-10

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-5: Particular requirements for electric thermal storage room heaters

IEC 60704-2-5 Edition 2.1:2014-10

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-5: Particular requirements for electric thermal storage room heaters

17.160 Vibracije, udari i mjerena vibracija

Međunarodna normizacija

ISO

ISO 16063-22 AMD 1:2014-12

Methods for the calibration of vibration and shock transducers – Part 22: Shock calibration by comparison to a reference transducer; Amendment 1

17.220.20 Mjerenje električnih i magnetskih veličina

Europska normizacija

CENELEC

EN 62501/A1:2014-10

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/A1:2014)

Međunarodna normizacija

IEC

IEC 61340-4-4 AMD 1:2014-11

Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

IEC 61340-4-4 Edition 2.1:2014-11

Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

IEC 61340-4-8:2014-11

Electrostatics – Part 4-8: Standard test methods for specific applications – Electrostatic discharge shielding – Bags

IEC 62586-2 Corrigendum 1:2014-11

Power Quality Measurement in Power Supply Systems – Part 2: Functional tests and uncertainty requirements; Corrigendum 1

17.240 Mjerenja zračenja

Europska normizacija CENELEC

EN 61910-1:2014-11

Medical electrical equipment – Radiation dose documentation – Part 1: Radiation dose structured reports for radiography and radioscopy (IEC 61910-1:2014)

Međunarodna normizacija ISO

ISO 16641:2014-10

Measurement of radioactivity in the environment – Air – Radon 220: Integrated measurement methods for the determination of the average activity concentration using passive solid-state nuclear track detectors

19.040 Ispitivanje utjecaja okoliša

Europska normizacija CENELEC

EN 60068-2-75

Umgebungseinflüsse – Teil 2-75: Prüfungen – Prüfung Eh: Hammerprüfungen (IEC 60068-2-75:2014)

Međunarodna normizacija IEC

IEC/TR 60068-3-12:2014-10

Environmental testing – Part 3-12: Supporting documentation and guidance – Method to evaluate a possible lead-free solder reflow temperature profile

19.120 Analiza veličine čestica. Prosijavanje

Međunarodna normizacija ISO

ISO 13317-4:2014-11

Determination of particle size distribution by gravitational liquid sedimentation methods – Part 4: Balance method

21.060.01 Pričvršćivači općenito

Europska normizacija CEN

EN ISO 1891-2:2014-10

Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings (ISO 1891-2:2014)

Međunarodna normizacija ISO

ISO 1891-2:2014-10

Fasteners – Terminology – Part 2: Vocabulary and definitions for coatings

21.060.10 Svornjaci, vijci, usadni vijci

Europska normizacija

CEN

EN ISO 10664:2014-10

Hexalobular internal driving feature for bolts and screws (ISO 10664:2014)

Međunarodna normizacija

ISO

ISO 10664:2014-10

Hexalobular internal driving feature for bolts and screws

21.200 Zupčanici

Međunarodna normizacija

ISO

ISO/TR 15144-2:2014-10

Calculation of micro-pitting load capacity of cylindrical spur and helical gears – Part 2: Examples of calculation for micropitting

21.220.10 Remenski pogon i njegove sastavnice

Međunarodna normizacija

ISO

ISO 13050:2014-12

Synchronous belt drives – Metric pitch, curvilinear profile systems G, H, R and S, belts and pulleys

23.020.30 Tlačne posude, cilindrični plinski spremnici

Europska normizacija

CEN

EN 13445-1/A1:2014-10

Unfired pressure vessels – Part 1: General

23.040.01 Cjevododne sastavnice i cjevovodi općenito

Europska normizacija

CEN

EN 10217-7:2014-10

Welded steel tubes for pressure purposes – Technical delivery conditions – Part 7: Stainless steel tubes

23.040.60 Prirubnice, spojke i druge cijevne veze

Europska normizacija

CEN

EN 16397-1:2014-11

Flexible couplings – Part 1: Performance requirements

EN 16397-2:2014-11

Flexible couplings – Part 2: Characteristics and testing for metal banded flexible couplings, adaptors and bushes

23.060.01 Ventili općenito

Europska normizacija

CEN

EN 12516-1:2014-10

Industrial valves – Shell design strength – Part 1: Tabulation method for steel valve she

EN 12516-2:2014-10

Industrial valves – Shell design strength – Part 2: Calculation method for steel valve shells

EN 12516-4:2014-10

Industrial valves – Shell design strength – Part 4: Calculation method for valve shells manufactured in metallic materials other than steel

EN 13175:2014-11

LPG Equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings

23.100.01 Sustavi za hidraulički i pneumatski prijenos energije općenito

Međunarodna normizacija

ISO

ISO 6358-3:2014-10

Pneumatic fluid power – Determination of flow-rate characteristics of components using compressible fluids – Part 3: Method for calculating steady-state flow-rate characteristics of systems

23.100.20 Cilindri

Međunarodna normizacija

ISO

ISO 8132:2014-11

Hydraulic fluid power – Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) medium and 25 MPa (250 bar) series

ISO 8133:2014-11

Hydraulic fluid power – Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) compact series

23.100.40 Cijevovodi i spojnice

Europska normizacija

CEN

EN ISO 6149-4:2014-12

Connections for fluid power and general use – Ports and stud ends with ISO 261 metric threads and O-ring sealing – Part 4: Dimensions, design, test methods and requirements for external hex and internal hex port plugs (ISO 6149-4:2006)

23.100.60 Filtri, britve i onečišćenje fluida

Međunarodna normizacija

ISO

ISO/TR 16386:2014-11

Hydrauliksystem – Partikelzählung – Kontaminationskontrolle und Filtertestmethoden
Impact of changes in ISO fluid power particle counting – Contamination control and filter test standards

23.120 Ventilatori. Klimatizacijski uređaji

Međunarodna normizacija

ISO

ISO 16494:2014-11

Heat recovery ventilators and energy recovery ventilators – Method of test for performance

25.040.01 Sustavi industrijske automatizacije općenito

Međunarodna normizacija

ISO

ISO 22400-1:2014-10

Automation systems and integration – Key performance indicators (KPIs) for manufacturing operations management – Part 1: Overview, concepts and terminology

25.040.10 Centri za strojnu obradbu

Međunarodna normizacija

ISO

ISO 10791-7:2014-12

Test conditions for machining centres – Part 7: Accuracy of finished test pieces

25.040.40 Mjerenje i upravljanje u industrijskim procesima

Europska normizacija

CEN

EN 61158-4-4

Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014)

25.080.01 Alatni strojevi općenito

Međunarodna normizacija ISO

ISO/TR 17243-1:2014-12

Machine tool spindles – Evaluation of machine tool spindle vibrations by measurements on spindle housing – Part 1: Spindles with rolling element bearings and integral drives operating at speeds between 600 min⁻¹ and 30000 min⁻¹

ISO/TR 17529:2014-11

Machine tools – Practical guidance and example of risk assessment on electro-discharge machines

25.080.20 Strojevi za bušenje i mljevenje

Europska normizacija CEN

EN 16564:2014-12

Machines and plants for mining and tooling of natural stone – Safety – Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

25.080.50 Strojevi za brušenje i poliranje

Europska normizacija CEN

EN 15571:2014-11

Machines and plants for mining and tooling of natural stone – Safety – Requirements for surface finishing machines

25.080.60 Strojne pile

Europska normizacija CEN

EN 16564:2014-12

Machines and plants for mining and tooling of natural stone – Safety – Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

25.100.70 Abrazivi

Europska normizacija CEN

EN ISO 6103:2014-10

Bonded abrasive products – Permissible unbalances of grinding wheels as delivered – Static testing (ISO 6103:2014)

Međunarodna normizacija ISO

ISO 6103:2014-10

Bonded abrasive products – Permissible unbalances of grinding wheels as delivered – Static testing

25.160.01 Zavarivanje, meko i tvrdo lemljenje općenito

Europska normizacija

CEN

EN ISO 25980:2014-10

Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes (ISO 25980:2014)

Međunarodna normizacija

ISO

ISO 25980:2014-10

Health and safety in welding and allied processes – Transparent welding curtains, strips and screens for arc welding processes

25.160.50 Tvrdo i meko lemljenje

Europska normizacija

CEN

EN 16602-70-08

Raumfahrtproduksicherung – Manuelles Löten von hoch-zuverlässigen elektrischen Verbindungen

Međunarodna normizacija

IEC

IEC/TR 60068-3-12:2014-10

Environmental testing – Part 3-12: Supporting documentation and guidance – Method to evaluate a possible lead-free solder reflow temperature profile

25.180.10 Električne peći

Europska normizacija

CENELEC

EN 62798:2014-10

Industrial electroheating equipment – Test methods for infrared emitters (IEC 62798:2014)

Međunarodna normizacija

IEC

IEC 62798 Corrigendum 1:2014-11

Industrial electroheating equipment – Test methods for infrared emitters

27.010 Tehnika prijenosa energije i topline općenito

Međunarodna normizacija

ISO

ISO 50003:2014-10

Energy management systems – Requirements for bodies providing audit and certification of energy management systems

27.070 Gorivi članci

Europska normizacija CENELEC

EN 62282-4-101:2014-10

Fuel cell technologies – Part 4-101: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) – Safety of electrically powered industrial trucks
(IEC 62282-4-101:2014)

27.080 Dizalice topline

Međunarodna normizacija ISO

ISO 16494:2014-11

Heat recovery ventilators and energy recovery ventilators – Method of test for performance

27.160 Solarna energetika

Europska normizacija CENELEC

EN 62817

Sonnen-Nachführleinrichtungen für photovoltaische Systeme – Bauartefnung (IEC 62817:2014)

EN 50548/A2:2014-11

Junction boxes for photovoltaic modules

EN 61730-1/A11:2014-11

Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction

Međunarodna normizacija IEC

IEC 62790:2014-11

Junction boxes for photovoltaic modules – Safety requirements and tests

IEC 62852:2014-11

Connectors for DC-application in photovoltaic systems – Safety requirements and tests

29.020 Elektrotehnika općenito

Europska normizacija CENELEC

EN 60300-1:2014-09

Dependability management – Part 1: Guidance for management and application (IEC 60300-1:2014)

Međunarodna normizacija IEC

IEC 60695-1-11:2014-10

Fire hazard testing – Part 1-11: Guidance for assessing the fire hazard of electrotechnical products – Fire hazard assessment

IEC 61082-1:2014-10

Preparation of Documents used in electrotechnology – Part 1: Rules

IECEE 01:2014-11

IEC System of conformity assessment schemes for electrotechnical equipment and components (IECEE) – Basic rules

IEC 60050-561:2014-11

International electrotechnical vocabulary – Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection

IEC 62744:2014-11

Representation of states of objects by graphical symbols

29.035.20 Plastični i gumeni izolacijski materijali

Međunarodna normizacija

IEC

IEC 60684-3-284:2014-10

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 284: Heat-shrinkable, sleevings, for oil barrier applications

IEC 60684-3-285:2014-10

Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 285: Heat-shrinkable polyolefin sleeving, for medium voltage joint insulation

IEC/TR 60893-4:2014-10

Insulating materials – Industrial rigid laminated sheets based on thermosetting resins for electrical purposes – Part 4: Typical values

29.040.10 Izolacijska ulja

Europska normizacija

CENELEC

EN 62701:2014-11

Fluids for electrotechnical applications – Recycled mineral insulating oils for transformers and switchgears (IEC 62701:2014)

29.060.20 Kabeli

Europska normizacija

CENELEC

EN 50618

Kabel und Leitungen – Leitungen für Photovoltaik Systeme

Međunarodna normizacija

IEC

IEC 60287-1-1 AMD 1:2014-11

Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General

IEC 60287-1-1 Edition 2.1:2014-11

Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General

29.080.30 Izolacijski sustavi

Međunarodna normizacija

IEC

IEC 60071-5:2014-10

Insulation co-ordination – Part 5: Procedures for high-voltage direct current (HVDC) converter stations

29.120.01 Električni pribor općenito

Međunarodna normizacija

IEC

IEC/TR 61916:2014-11

Electrical accessories – Harmonization of general rules

29.120.10 Zaštitne cijevi za električne potrebe

Europska normizacija

CENELEC

EN 50548/A2:2014-11

Junction boxes for photovoltaic modules

29.120.30 Utikači, utičnice, sprežnici

Međunarodna normizacija

IEC

IEC 60320-3:2014-10

Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges

29.120.50 Osigurači i ostale naprave za nadstrujnu zaštitu

Europska normizacija

CENELEC

EN 50539-11/A1:2014-10

Low-voltage surge protective devices – Surge protective devices for specific application including d.c. – Part 11: Requirements and tests for SPDs in photovoltaic applicatio

EN 60127-6

Geräteschutzsicherungen – Teil 6: G-Sicherungshalter für G-Sicherungseinsätze (IEC 60127-6:2014)

EN 60127-2:2014-10

Miniature fuses – Part 2: Cartridge fuse-links (IEC 60127-2:2014)

Međunarodna normizacija
IEC

IEC 60364-4-42 AMD 1:2014-11

Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects

IEC 60364-4-42 Edition 3.1:2014-11

Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects

29.130.10 Visokonaponski rasklopni i upravljački uređaji

Europska normizacija
CENELEC

EN 62271-202/AC:2014-09

High-voltage switchgear and controlgear – Part 202: High-voltage/low-voltage prefabricated substation

EN 62501/A1:2014-10

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission – Electrical testing (IEC 62501:2009/A1:2014)

29.140.10 Kape i držači svjetiljki

Europska normizacija
CENELEC

EN 60400/A2:2014-09

Lampholders for tubular fluorescent lamps and starterholders (IEC 60400:2008/A2:2014)

29.140.30 Fluorescentne svjetiljke. Svjetiljke s izbojem

Europska normizacija
CENELEC

EN 62035

Entladungslampen (ausgenommen Leuchtstofflampen) – Sicherheitsanforderungen
(IEC 62035:2014, modifiziert)

EN 61195/A2

Zweiseitig gesockelte Leuchtstofflampen – Sicherheitsanforderungen (IEC 61195:1999/A2:2014)

Međunarodna normizacija
IEC

IEC 62386-101:2014-11

Digital addressable lighting interface – Part 101: General requirements – System components

IEC 62386-102:2014-11

Digital addressable lighting interface – Part 102: General requirements – Control gear

29.140.40 Rasvjetna tijela

Europska normizacija CENELEC

EN 60598-2-22:2014-10

Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting (IEC 60598-2-22:2014)

EN 62722-1

Arbeitsweise von Leuchten – Teil 1: Allgemeine Anforderungen (IEC 62722-1:2014)

EN 60598-1

Leuchten – Teil 1: Allgemeine Anforderungen und Prüfungen (IEC 60598-1:2014)

Međunarodna normizacija

IEC

IEC 60598-2-20:2014-11

Luminaires – Part 2-20: Particular requirements – Lighting chains

IEC 60598-2-21:2014-11

Luminaires – Part 2-21: Particular requirements – Rope lights

IEC 62722-2-1:2014-11

Luminaire performance – Part 2-1: Particular requirements for LED luminaires

29.140.99 Ostale norme koje se odnose na svjetiljke

Europska normizacija CENELEC

EN 61347-2-13:2014-10

Lamp controlgear – Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (IEC 61347-2-13:2014)

EN 62504:2014-09

General lighting – Light emitting diode (LED) products and related equipment – Terms and definitions

EN 62031/A2

LED-Module für Allgemeinbeleuchtung – Sicherheitsanforderungen (IEC 62031:2008/A2:2014)

29.160.01 Rotacijski strojevi općenito

Europska normizacija CENELEC

EN 60034-19:2014-11

Rotating electrical machines – Part 19: Specific test methods for d.c. machines on conventional and rectifier-fed supplies (IEC 60034-19:2014)

29.160.20 Generatori

Europska normizacija CENELEC

CLC/TS 50549-1

Anforderungen für den Anschluss von Stromerzeugungsanlagen über 16 A je Phase – Teil 1:
Anschluss an das Mittelspannungsverteilungsnetz

CLC/TS 50549-2

Anforderungen für den Anschluss von Stromerzeugungsanlagen über 16 A je Phase – Teil 2:
Anschluss an das Mittelspannungsverteilungsnetz

29.160.30 Motori

Europska normizacija CENELEC

EN 60335-2-95

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-95: Besondere Anforderungen für Antriebe von Garagentoren mit Senkrechtbewegung zur Verwendung im Wohnbereich (IEC 60335-2-95:2011, modifiziert)

EN 60335-2-95/AA

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-95: Besondere Anforderungen für Antriebe von Garagentoren mit Senkrechtbewegung zur Verwendung im Wohnbereich

EN 60335-2-97/A12

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-97: Besondere Anforderungen für Rollläden, Markisen, Jalousien und ähnliche Einrichtungen

29.180 Transformatori. Prigušnice

Europska normizacija CENELEC

EN 50299-2:2014-11

Oil-immersed cable connection assemblies for transformers and reactors having highest voltage for equipment Um from 72,5 kV to 550 kV – Part 2: Dry-type cable terminations

29.200 Ispravilači. Pretvarači. Stabilizirano napajanje

Europska normizacija CENELEC

EN 62751-1

Bestimmung der Leistungsverluste in Spannung zwischenkreis-Stromrichtern (VSC) für Hochspannungsgleichstrom(HGÜ)-Systeme – Teil 1: Allgemeine Anforderungen (IEC 62751-1:2014)

EN 62751-2

Bestimmung der Leistungsverluste in Spannung zwischenkreis-Stromrichtern (VSC) für Hochspannungsgleichstrom(HGÜ)-Systeme – Teil 2: Modulare Mehrstufen-Stromrichter (IEC 62751-2:2014)

29.220.10 Primarni članci i baterije

**Europska normizacija
CENELEC**

EN 60086-4
Primary batteries – Part 4: Safety of lithium batteries (IEC 60086-4:2014)

29.220.20 Kiseli sekundarni članci i baterije

**Europska normizacija
CENELEC**

EN 62485-3:2014-10
Safety requirements for secondary batteries and battery installations – Part 3: Traction batteries (IEC 62485-3:2014)

29.220.30 Alkalni sekundarni članci i baterije

**Europska normizacija
CENELEC**

EN 62675
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride prismatic rechargeable single cells (IEC 62675:2014)

**Međunarodna normizacija
IEC**

IEC 62620:2014-11
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications

29.260.20 Električni uređaji za eksplozivnu atmosferu

**Međunarodna normizacija
IEC**

IEC 60079-0 Interpretation Sheet 2:2014-10
Explosive atmospheres – Part 0: – Equipment – General requirements; Interpretation sheet 2

IEC 60079-11 Interpretation Sheet 1:2014-10
Explosive atmospheres – Part 11: Equipment protection by intrinsic safety „i“; Interpretation sheet 1

IEC 60079-26:2014-10
Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

29.280 Oprema za električnu vuču

**Europska normizacija
CENELEC**

EN 50238/AC:2014-11
Railway applications – Compatibility between rolling stock and train detection systems

31.020 Elektronički sastavni dijelovi općenito

Međunarodna normizacija IEC

IEC 62137-4:2014-10

Electronics assembly technology – Part 4: Endurance test methods for solder joint of area array type package surface mount devices

31.080.01 Poluvodički uređaji općenito

Europska normizacija CENELEC

EN 60749-42:2014-10

Semiconductor devices – Mechanical and climatic test methods – Part 42: Temperature and humidity storage (IEC 60749-42:2014)

EN 62047-20:2014-09

Semiconductor devices – Micro-electromechanical devices – Part 20: Gyroscopes (IEC 62047-20:2014)

EN 62047-21:2014-09

Semiconductor devices – Micro-electromechanical devices – Part 21: Test method for Poisson's ratio of thin film MEMS materials (IEC 62047-21:2014)

EN 62047-22:2014-09

Semiconductor devices – Micro-electromechanical devices – Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates (IEC 62047-22:2014)

31.120 Elektronički uređaji za prikazivanje

Međunarodna normizacija IEC

IEC 61747-4-1:2014-10

Liquid crystal display devices – Part 4-1: Matrix colour LCD modules – Essential ratings and characteristics

IEC 61747-2-2:2014-11

Liquid crystal display devices – Part 2-2: Matrix colour LCD modules – Blank detail specification

31.140 Piezoelektrične naprave

Međunarodna normizacija IEC

IEC 60050-561:2014-11

International electrotechnical vocabulary – Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection

31.180 Tiskani krugovi i pločice

**Europska normizacija
CENELEC**

EN 16602-70-10
Raumfahrtproduktsicherung – Qualifizierung von Leiterplatten (ECSS-Q-ST-70-10C)

EN 16602-70-11
Raumfahrtproduktsicherung – Beschaffung von Leiterplatten (ECSS-Q-ST-70-11C)

31.190 Sklopovi elektroničkih sastavnica

**Međunarodna normizacija
IEC**

IEC 62137-4:2014-10
Electronics assembly technology – Part 4: Endurance test methods for solder joint of area array type package surface mount devices

31.220.01 Elektromehanički sastavni dijelovi općenito

**Europska normizacija
CENELEC**

EN 62047-21:2014-09
Semiconductor devices – Micro-electromechanical devices – Part 21: Test method for Poisson's ratio of thin film MEMS materials (IEC 62047-21:2014)

EN 62047-22:2014-09
Semiconductor devices – Micro-electromechanical devices – Part 22: Electromechanical tensile test method for conductive thin films on flexible substrates (IEC 62047-22:2014)

31.220.10 Utikačke i utičničke naprave. Konektori

**Europska normizacija
CENELEC**

EN 61076-2-104:2014-10
Connectors for electronic equipment – Product requirements – Part 2-104: Circular connectors – Detail specification for circular connectors with M8 screw-locking or snap-locking (IEC 61076-2-104:2014)

31.260 Optoelektronika. Laserska oprema

**Europska normizacija
CEN**

EN ISO 11990-1:2014-10
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 1: Tracheal tube shaft (ISO 11990-1:2011)

EN ISO 11990-2:2014-10
Lasers and laser-related equipment – Determination of laser resistance of tracheal tubes – Part 2: Tracheal tube cuffs (ISO 11990-2:2010)

33.040.01 Telekomunikacijski sustavi općenito

Europska normizacija CEN

EN 300019-2-1 V 2.2.1:2014-10

Environmental Engineering (EE) – Environmental conditions and environmental tests for telecommunications equipment – Part 2-1: Specification of environmental tests – Storage

ETSI

ETSI TR 102775 V 1.6.3:2014-10

Speech and multimedia Transmission Quality (STQ) – Guidance on objectives for Quality related Parameters at VoIP Segment-Connection Points – A support to NGN transmission planners

ETSI TR 102949 V 1.1.1:2014-09

Speech and multimedia Transmission Quality (STQ) – Wideband and Superwideband speech terminals – Perceptually motivated parameters

ETSI TS 103256 V 1.1.1:2014-10

Speech and multimedia Transmission Quality (STQ) – Reference webpage for subjective testing

ETSI ES 202718 V 1.2.1:2014-10

Speech and multimedia Transmission Quality (STQ) – Transmission Requirements for IP-based Narrowband and Wideband Home Gateways and Other Media Gateways from a QoS Perspective as Perceived by the User

ETSI ES 203199 V 1.2.1:2014-10

Environmental Engineering (EE) – Methodology for environmental Life Cycle Assessment (LCA) of Information and Communication Technology (ICT) goods, networks and services

ETSI GS OEU 001 V 1.2.4:2014-10

Operational energy Efficiency for Users (OEU) – Global KPIs for Data Centres

ETSI TS 101563 V 1.3.1:2014-11

Speech and multimedia Transmission Quality (STQ) – IMS/PES/VoLTE exchange performance requirements

ETSI TR 103138 V 1.2.1:2014-11

Speech and multimedia Transmission Quality (STQ) – Speech samples and their use for QoS testing

ETSI TS 119312 V 1.1.1:2014-11

Electronic Signatures and Infrastructures (ESI) – Cryptographic Suites

ETSI TS 119403 V 2.1.1:2014-11

Electronic Signatures and Infrastructures (ESI) – Trust Service Provider Conformity Assessment – Requirements for conformity assessment bodies assessing Trust Service Providers

33.040.35 Telefonske mreže

Europska normizacija ETSI

ETSI TS 102232-1 V 3.8.1:2014-10

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 1: Handover specification for IP delivery

ETSI TS 102232-2 V 3.8.1:2014-10

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services

ETSI TS 102232-5 V 3.4.1:2014-10

Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 5: Service-specific details for IP Multimedia Services

ETSI TS 102656 V 1.2.2:2014-09

Lawful Interception (LI) – Retained Data – Requirements of Law Enforcement Agencies for handling Retained Data

ETSI TS 102657 V 1.16.1:2014-10

Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data

TCTR 024:1995-04

Network Aspects (NA) – Universal Personal Telecommunication (UPT) UPT Phase 2: Requirements for identification

33.040.40 Mreže za prijenos podataka

Europska normizacija

ETSI

ETSI TS 103194 V 1.1.1:2014-10

Network Technologies (NTECH) – Autonomic network engineering for the self-managing Future Internet (AFI) – Scenarios, Use Cases and Requirements for Autonomic/Self-Managing Future Internet

ETSI GS NFV-INF 007 V 1.1.1:2014-10

Network Functions Virtualisation (NFV) – Infrastructure – Methodology to describe Interfaces and Abstractions

ETSI GS NFV-SEC 001 V 1.1.1:2014-10

Network Functions Virtualisation (NFV) – NFV Security – Problem Statement

33.040.99 Ostala oprema za komunikacijske sustave

Europska normizacija

ETSI

ETSI TS 102709-1 V 3.2.1:2014-10

Core Network and Interoperability Testing (INT) – Interworking between the 3GPP Cs domain with BICC or ISUP as signalling protocol and external SIP-I networks – (3GPP Release 8) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 102709-2 V 3.3.1:2014-10

Core Network and Interoperability Testing (INT) – Interworking between the 3GPP Cs domain with BICC or ISUP as signalling protocol and external SIP-I networks – (3GPP Release 8) – Part 2: Test Suite Structure and Test Purposes (TSS&TP)

ETSI TS 103289-1 V 1.1.1:2014-10

Core Network and Interoperability Testing (INT) – Diameter Conformance testing for Cx and Dx interfaces – (3GPP Release 10) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 186002-1 V 1.1.5:2014-10

Core Network and Interoperability Testing (INT) – Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol (BICC) or ISDN User Part (ISUP) – Part 1: Protocol Implementation Conformance Statement (PICS)

ETSI TS 186002-3 V 1.3.2:2014-10

Core Network and Interoperability Testing (INT) – Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol (BICC) or ISDN User Part (ISUP) – Part 3: Test Suite Structure and Test Purposes (TSS&TP) for Profile C

ETSI TR 103277 V 1.1.1:2014-11

Core Network and Interoperability Testing (INT) – Coding Guidelines for TTCN-3 Libraries Based on the Example of the SIP and IMS TTCN-3 Libraries

33.060.01 Radiokomunikacije općenito

Europska normizacija

CENELEC

EN 302969 V 1.2.1:2014-11

Reconfigurable Radio Systems (RRS) – Radio Reconfiguration related Requirements for Mobile Devices

33.060.20 Prijamna i odašiljačka oprema

Europska normizacija

CENELEC

EN 303204-1 V 1.1.1:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Network Based Short Range Devices (SRD) – Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW – Part 1: Technical characteristics and test methods

EN 303204-2 V 1.1.1:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Network Based Short Range Devices (SRD) – Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

EN 305550-1 V 1.2.1:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment to be used in the 40 GHz to 246 GHz frequency range – Part 1: Technical characteristics and test methods

EN 305550-2 V 1.2.1:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Radio equipment to be used in the 40 GHz to 246 GHz frequency range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

EN 303098-2 V 1.2.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Maritime low power personal locating devices employing AIS – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

EN 303203-1 V 1.1.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Medical Body Area Network Systems (MBANSs) operating in the 2483,5 MHz to 2500 MHz range – Part 1: Technical characteristics and test methods

EN 303203-2 V 1.1.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Medical Body Area Network Systems (MBANSs) operating in the 2483,5 MHz to 2500 MHz range – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

ETSI

ETSI TS 103154 V 1.1.1:2014-10

Reconfigurable Radio Systems (RRS) – System requirements for operation of Mobile Broadband Systems in the 2300 MHz – 2400 MHz band under Licensed Shared Access (LSA)

33.060.40 Kabelski distribucijski sustavi

Europska normizacija

CENELEC

CLC/TR 50083-2-2:2014-10

Cable networks for television signals, sound signals and interactive services – Part 2-2: Interference issues for DVB-T reception in the presence of LTE base station signals

CLC/TS 50083-3-3

Kabelnetze für Fernsehsignale, Tonsignale und interaktive Dienste – Teil 3-3: Aktive Breitbandgeräte für Kabelnetze – Messverfahren für den maximalen Betriebs-Ausgangspegel im Rückweg

ETSI

ETSI TS 101548 V 1.2.1:2014-11

Access, Terminals, Transmission and Multiplexing (ATTM) – European Requirements for Reverse Powering of Remote Access Equipment

33.070.30 Digitalne poboljšane bežične telekomunikacije (DECT)

Europska normizacija

ETSI

ETSI TS 103158 V 1.1.1:2014-11

Digital Enhanced Cordless Telecommunications (DECT) – New Generation DECT – Light Data Services – Software Update Over The Air (SUOTA) – Profile Test Specification (PTS) and Test Case Library (TCL)

33.070.50 Globalni sustavi za pokretne komunikacije (GSM)

Europska normizacija

ETSI

ETSI TS 121111 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – USIM and IC card requirements (3GPP TS 21.111 version 12.0.0 Release 12)

ETSI TR 121900 V 11.1.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Technical Specification Group working methods (3GPP TR 21.900 version 11.1.0 Release 11)

ETSI TR 121900 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Technical Specification Group working methods
(3GPP TR 21.900 version 12.0.0 Release 12)

ETSI TR 121905 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 12.0.0 Release 12)

ETSI TS 122001 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) (3GPP TS 22.001 version 12.0.0 Release 12)

ETSI TS 122002 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)
(3GPP TS 22.002 version 12.0.0 Release 12)

ETSI TS 122003 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Teleservices supported by a Public Land Mobile Network (PLMN)
(3GPP TS 22.003 version 12.0.0 Release 12)

ETSI TS 122004 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General on supplementary services (3GPP TS 22.004 version 12.0.0 Release 12)

ETSI TS 122011 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service accessibility (3GPP TS 22.011 version 12.2.0 Release 12)

ETSI TS 122016 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – International Mobile station Equipment Identities (IMEI)
(3GPP TS 22.016 version 12.0.0 Release 12)

ETSI TS 122022 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personalisation of Mobile Equipment (ME) – Mobile functionality specification
(3GPP TS 22.022 version 12.0.0 Release 12)

ETSI TS 122024 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Description of Charge Advice Information (CAI)
(3GPP TS 22.024 version 12.0.0 Release 12)

ETSI TS 122030 V 12.1.2:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Man-Machine Interface (MMI) of the User Equipment (UE)
(3GPP TS 22.030 version 12.1.2 Release 12)

ETSI TS 122031 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Fraud Information Gathering System (FIGS) – Service description – Stage 1 (3GPP TS 22.031 version 12.0.0 Release 12)

ETSI TS 122032 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Immediate Service Termination (IST) – Service description – Stage 1 (3GPP TS 22.032 version 12.0.0 Release 12)

ETSI TS 122034 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – High Speed Circuit Switched Data (HSCSD) – Stage 1 (3GPP TS 22.034 version 12.0.0 Release 12)

ETSI TS 122038 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – (U)SIM Application Toolkit (USAT) – Service description – Stage 1 (3GPP TS 22.038 version 12.0.0 Release 12)

ETSI TS 122041 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 12.0.0 Release 12)

ETSI TS 122042 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network Identity and TimeZone (NITZ) – Service description – Stage 1 (3GPP TS 22.042 version 12.0.0 Release 12)

ETSI TS 122053 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 1 (3GPP TS 22.053 version 12.0.0 Release 12)

ETSI TS 122057 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Execution Environment (MExE) – Service description – Stage 1 (3GPP TS 22.057 version 12.0.0 Release 12)

ETSI TS 122060 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 1 (3GPP TS 22.060 version 12.0.0 Release 12)

ETSI TS 122066 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of Mobile Number Portability (MNP) – Service description – Stage 1 (3GPP TS 22.066 version 12.0.0 Release 12)

ETSI TS 122067 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi Level Precedence and Pre-emption service (eMLPP) – Stage 1 (3GPP TS 22.067 version 12.0.0 Release 12)

ETSI TS 122071 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Service description – Stage 1 (3GPP TS 22.071 version 12.0.0 Release 12)

ETSI TS 122072 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) service description – Stage 1 (3GPP TS 22.072 version 12.0.0 Release 12)

ETSI TS 122076 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Noise suppression for the AMR codec – Service description – Stage 1 (3GPP TS 22.076 version 12.0.0 Release 12)

ETSI TS 122078 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) – Service description – Stage 1 (3GPP TS 22.078 version 12.0.0 Release 12)

ETSI TS 122079 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routeing (SOR) – Service definition – Stage 1 (3GPP TS 22.079 version 12.0.0 Release 12)

ETSI TS 122081 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 1 (3GPP TS 22.081 version 12.0.0 Release 12)

ETSI TS 122082 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) Supplementary Services – Stage 1 (3GPP TS 22.082 version 12.0.0 Release 12)

ETSI TS 122083 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Holding (HOLD) – Supplementary Services – Stage 1 (3GPP TS 22.083 version 12.0.0 Release 12)

ETSI TS 122084 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – MultiParty (MPTY) supplementary service – Stage 1 (3GPP TS 22.084 version 12.0.0 Release 12)

ETSI TS 122085 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary services – Stage 1 (3GPP TS 22.085 version 12.0.0 Release 12)

ETSI TS 122086 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 1 (3GPP TS 22.086 version 12.0.0 Release 12)

ETSI TS 122087 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) – Service description – Stage 1 (3GPP TS 22.087 version 12.0.0 Release 12)

ETSI TS 122088 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary services – Stage 1 (3GPP TS 22.088 version 12.0.0 Release 12)

ETSI TS 122090 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 1 (3GPP TS 22.090 version 12.0.0 Release 12)

ETSI TS 122091 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 1
(3GPP TS 22.091 version 12.0.0 Release 12)

ETSI TS 122093 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Completion of Calls to Busy Subscriber (CCBS) – Service description, Stage 1
(3GPP TS 22.093 version 12.0.0 Release 12)

ETSI TS 122094 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow Me service description – Stage 1 (3GPP TS 22.094 version 12.0.0 Release 12)

ETSI TS 122096 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 1
(3GPP TS 22.096 version 12.0.0 Release 12)

ETSI TS 122097 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multiple Subscriber Profile (MSP) Phase 2 – Service description – Stage 1
(3GPP TS 22.097 version 12.0.0 Release 12)

ETSI TS 122101 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Service principles
(3GPP TS 22.101 version 12.5.0 Release 12)

ETSI TS 122105 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Services and service capabilities (3GPP TS 22.105 version 12.0.0 Release 12)

ETSI TS 122115 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Charging and billing (3GPP TS 22.115 version 12.2.0 Release 12)

ETSI TS 122129 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Handover requirements between UTRAN and GERAN or other radio systems (3GPP TS 22.129 version 12.0.0 Release 12)

ETSI TS 122135 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Multicall – Service description – Stage 1 (3GPP TS 22.135 version 12.0.0 Release 12)

ETSI TS 122140 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Stage 1
(3GPP TS 22.140 version 12.0.0 Release 12)

ETSI TS 122141 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Stage 1 (3GPP TS 22.141 version 12.0.0 Release 12)

ETSI TS 122142 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Value Added Services (VAS) for Short Message Service (SMS) requirements (3GPP TS 22.142 version 12.0.0 Release 12)

ETSI TS 122146 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Stage 1 (3GPP TS 22.146 version 12.0.0 Release 12)

ETSI TS 122153 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia priority service (3GPP TS 22.153 version 12.0.0 Release 12)

ETSI TS 122173 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services – Stage 1 (3GPP TS 22.173 version 12.7.0 Release 12)

ETSI TS 122174 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Push Service – Service aspects – Stage 1 (3GPP TS 22.174 version 12.0.0 Release 12)

ETSI TS 122182 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Customized Alerting Tones (CAT) requirements – Stage 1 (3GPP TS 22.182 version 12.0.0 Release 12)

ETSI TS 122183 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Ringing Signal (CRS) requirements – Stage 1 (3GPP TS 22.183 version 12.0.0 Release 12)

ETSI TS 122220 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 12.0.0 Release 12)

ETSI TS 122226 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global Text Telephony (GTT) – Stage 1 (3GPP TS 22.226 version 12.0.0 Release 12)

ETSI TS 122228 V 12.8.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS) – Stage 1 (3GPP TS 22.228 version 12.8.0 Release 12)

ETSI TS 122233 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet-switched streaming service – Stage 1 (3GPP TS 22.233 version 12.0.0 Release 12)

ETSI TS 122234 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Requirements on 3GPP system to Wireless Local Area Network (WLAN) interworking (3GPP TS 22.234 version 12.0.0 Release 12)

ETSI TS 122240 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for 3GPP Generic User Profile (GUP) – Stage 1 (3GPP TS 22.240 version 12.0.0 Release 12)

ETSI TS 122242 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Digital Rights Management (DRM) – Stage 1 (3GPP TS 22.242 version 12.0.0 Release 12)

ETSI TS 122243 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech recognition framework for automated voice services – Stage 1 (3GPP TS 22.243 version 12.0.0 Release 12)

ETSI TS 122246 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) user services – Stage 1 (3GPP TS 22.246 version 12.0.0 Release 12)

ETSI TS 122250 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Group Management – Stage 1 (3GPP TS 22.250 version 12.0.0 Release 12)

ETSI TS 122259 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Personal Network Management (PNM) – Stage 1 (3GPP TS 22.259 version 12.0.0 Release 12)

ETSI TS 122268 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Public Warning System (PWS) requirements (3GPP TS 22.268 version 12.2.0 Release 12)

ETSI TS 122278 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for the Evolved Packet System (EPS) (3GPP TS 22.278 version 12.5.0 Release 12)

ETSI TS 122279 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions – Stage 1 (3GPP TS 22.279 version 12.0.0 Release 12)

ETSI TS 122340 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging – Stage 1 (3GPP TS 22.340 version 12.0.0 Release 12)

ETSI TS 122368 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Machine-Type Communications (MTC) – Stage 1 (3GPP TS 22.368 version 12.4.0 Release 12)

ETSI TS 122468 V 12.1.0:2014-10

LTE – Group Communication System Enablers for LTE (GCSE LTE) (3GPP TS 22.468 version 12.1.0 Release 12)

ETSI TS 122519 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Business Communication Requirements (3GPP TS 22.519 version 12.0.0 Release 12)

ETSI TR 122903 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Videotelephony teleservice (3GPP TR 22.903 version 12.0.0 Release 12)

ETSI TR 122906 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Study on IMS based peer-to-peer content distribution services (3GPP TR 22.906 version 12.0.0 Release 12)

ETSI TR 122908 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Study on Paging Permission with Access Control (PPAC) (3GPP TR 22.908 version 12.0.0 Release 12)

ETSI TR 122912 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study into network selection requirements for non-3GPP access (3GPP TR 22.912 version 12.0.0 Release 12)

ETSI TR 122934 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking (3GPP TR 22.934 version 12.0.0 Release 12)

ETSI TR 122935 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on Location Services (LCS) for Wireless Local Area Network (WLAN) interworking (3GPP TR 22.935 version 12.0.0 Release 12)

ETSI TR 122936 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multi-system terminals (3GPP TR 22.936 version 12.0.0 Release 12)

ETSI TR 122937 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Requirements for service continuity between mobile and Wireless Local Area Network (WLAN) networks (3GPP TR 22.937 version 12.0.0 Release 12)

ETSI TR 122940 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging (3GPP TR 22.940 version 12.0.0 Release 12)

ETSI TR 122942 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Value Added Services (VAS) for Short Message Service (SMS) (3GPP TR 22.942 version 12.0.0 Release 12)

ETSI TR 122944 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Report on service requirements for UE functionality split (3GPP TR 22.944 version 12.0.0 Release 12)

ETSI TR 122947 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Study on Personal Broadcast Service (PBS) (3GPP TR 22.947 version 12.0.0 Release 12)

ETSI TR 122948 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of requirements of IP-Multimedia Subsystem (IMS) convergent multimedia conferencing (3GPP TR 22.948 version 12.0.0 Release 12)

ETSI TR 122949 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on a generalized privacy capability (3GPP TR 22.949 version 12.0.0 Release 12)

ETSI TR 122950 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service feasibility study (3GPP TR 22.950 version 12.0.0 Release 12)

ETSI TR 122951 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects and requirements for network sharing (3GPP TR 22.951 version 12.0.0 Release 12)

ETSI TR 122952 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service guide (3GPP TR 22.952 version 12.0.0 Release 12)

ETSI TR 122953 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia priority service feasibility study (3GPP TR 22.953 version 12.0.0 Release 12)

ETSI TR 122967 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transferring of emergency call data (3GPP TR 22.967 version 12.0.0 Release 12)

ETSI TR 122968 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study for requirements for a Public Warning System (PWS) service (3GPP TR 22.968 version 12.0.0 Release 12)

ETSI TR 122973 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Multimedia Telephony service – and supplementary services (3GPP TR 22.973 version 12.0.0 Release 12)

ETSI TR 122977 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for speech-enabled services (3GPP TR 22.977 version 12.0.0 Release 12)

ETSI TR 122978 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – All-IP network (AIPN) feasibility study (3GPP TR 22.978 version 12.0.0 Release 12)

ETSI TR 122979 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions (3GPP TR 22.979 version 12.0.0 Release 12)

ETSI TR 122980 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network composition feasibility study (3GPP TR 22.980 version 12.0.0 Release 12)

ETSI TR 122982 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 12.0.0 Release 12)

ETSI TR 122983 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Services alignment and migration (3GPP TR 22.983 version 12.0.0 Release 12)

ETSI TR 122985 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Service requirements for the User Data Convergence (UDC) (3GPP TR 22.985 version 12.0.0 Release 12)

ETSI TR 122986 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Study on Service Specific Access Control (3GPP TR 22.986 version 12.0.0 Release 12)

ETSI TR 122987 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of haptic services requirements (3GPP TR 22.987 version 12.0.0 Release 12)

ETSI TR 122988 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Study on alternatives to E.164 for Machine-Type Communications (MTC) (3GPP TR 22.988 version 12.2.0 Release 12)

ETSI TS 123002 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Network architecture (3GPP TS 23.002 version 12.5.0 Release 12)

ETSI TS 123003 V 8.21.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 8.21.0 Release 8)

ETSI TS 123003 V 9.15.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 9.15.0 Release 9)

ETSI TS 123003 V 10.10.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 10.10.0 Release 10)

ETSI TS 123003 V 11.9.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 11.9.0 Release 11)

ETSI TS 123003 V 12.4.1:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Numbering, addressing and identification (3GPP TS 23.003 version 12.4.1 Release 12)

ETSI TS 123007 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Restoration procedures (3GPP TS 23.007 version 12.6.0 Release 12)

ETSI TS 123008 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Organization of subscriber data (3GPP TS 23.008 version 12.4.0 Release 12)

ETSI TS 123009 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Handover procedures (3GPP TS 23.009 version 12.0.0 Release 12)

ETSI TS 123011 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Supplementary Services (3GPP TS 23.011 version 12.0.0 Release 12)

ETSI TS 123012 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location management procedures (3GPP TS 23.012 version 12.0.0 Release 12)

ETSI TS 123014 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Dual Tone Multi-Frequency (DTMF) signalling (3GPP TS 23.014 version 12.0.0 Release 12)

ETSI TS 123015 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Operator Determined Barring (ODB) (3GPP TS 23.015 version 12.0.0 Release 12)

ETSI TS 123016 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Subscriber data management – Stage 2 (3GPP TS 23.016 version 12.0.0 Release 12)

ETSI TS 123018 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Basic call handling – Technical realization (3GPP TS 23.018 version 12.2.0 Release 12)

ETSI TS 123031 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – 3G Security – Fraud Information Gathering System (FIGS) – Technical realization – Stage 2 (3GPP TS 23.031 version 12.0.0 Release 12)

ETSI TS 123032 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 12.0.0 Release 12)

ETSI TS 123034 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – High Speed Circuit Switched Data (HSCSD) – Stage 2 (3GPP TS 23.034 version 12.0.0 Release 12)

ETSI TS 123035 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Immediate Service Termination (IST) – Stage 2 (3GPP TS 23.035 version 12.0.0 Release 12)

ETSI TS 123038 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Alphabets and language-specific information
(3GPP TS 23.038 version 12.0.0 Release 12)

ETSI TS 123040 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of the Short Message Service (SMS)
(3GPP TS 23.040 version 12.2.0 Release 12)

ETSI TS 123041 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Cell Broadcast Service (CBS)
(3GPP TS 23.041 version 12.6.0 Release 12)

ETSI TS 123042 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Compression algorithm for text messaging services
(3GPP TS 23.042 version 12.0.0 Release 12)

ETSI TS 123053 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 2
(3GPP TS 23.053 version 12.0.0 Release 12)

ETSI TS 123057 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Execution Environment (MExE) – Functional description – Stage 2
(3GPP TS 23.057 version 12.0.0 Release 12)

ETSI TS 123060 V 10.14.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2
(3GPP TS 23.060 version 10.14.0 Release 10)

ETSI TS 123060 V 11.11.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2
(3GPP TS 23.060 version 11.11.0 Release 11)

ETSI TS 123060 V 12.6.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 2
(3GPP TS 23.060 version 12.6.0 Release 12)

ETSI TS 123066 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Mobile Number Portability (MNP) – Technical realization – Stage 2
(3GPP TS 23.066 version 12.0.0 Release 12)

ETSI TS 123067 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi-Level Precedence and Pre-emption Service (eMLPP) – Stage 2
(3GPP TS 23.067 version 12.0.0 Release 12)

ETSI TS 123072 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 2
(3GPP TS 23.072 version 12.0.0 Release 12)

ETSI TS 123078 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – Stage 2 (3GPP TS 23.078 version 12.0.0 Release 12)

ETSI TS 123079 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routeing (SOR) – Technical realization (3GPP TS 23.079 version 12.0.0 Release 12)

ETSI TS 123081 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 2 (3GPP TS 23.081 version 12.0.0 Release 12)

ETSI TS 123082 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 2 (3GPP TS 23.082 version 12.0.0 Release 12)

ETSI TS 123083 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Hold (HOLD) supplementary services – Stage 2 (3GPP TS 23.083 version 12.0.0 Release 12)

ETSI TS 123084 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPTY) supplementary service – Stage 2 (3GPP TS 23.084 version 12.0.0 Release 12)

ETSI TS 123085 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 2 (3GPP TS 23.085 version 12.0.0 Release 12)

ETSI TS 123086 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 2 (3GPP TS 23.086 version 12.0.0 Release 12)

ETSI TS 123087 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) supplementary service – Stage 2 (3GPP TS 23.087 version 12.0.0 Release 12)

ETSI TS 123088 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) Supplementary Services – Stage 2 (3GPP TS 23.088 version 12.0.0 Release 12)

ETSI TS 123090 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 2 (3GPP TS 23.090 version 12.0.0 Release 12)

ETSI TS 123091 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 2 (3GPP TS 23.091 version 12.0.0 Release 12)

ETSI TS 123093 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Technical realization of Completion of Calls to Busy Subscriber (CCBS) – Stage 2 (3GPP TS 23.093 version 12.0.0 Release 12)

ETSI TS 123094 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Follow-Me (FM) – Stage 2 (3GPP TS 23.094 version 12.0.0 Release 12)

ETSI TS 123096 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 2 (3GPP TS 23.096 version 12.0.0 Release 12)

ETSI TS 123097 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multiple Subscriber Profile (MSP) (Phase X) – Stage 2 (3GPP TS 23.097 version 12.0.0 Release 12)

ETSI TS 123101 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – General Universal Mobile Telecommunications System (UMTS) architecture (3GPP TS 23.101 version 12.0.0 Release 12)

ETSI TS 123107 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 12.0.0 Release 12)

ETSI TS 123108 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile radio interface layer 3 specification, core network protocols – Stage 2 (3GPP TS 23.108 version 12.0.0 Release 12)

ETSI TS 123110 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Mobile Telecommunications System (UMTS) access stratum – Services and functions (3GPP TS 23.110 version 12.0.0 Release 12)

ETSI TS 123116 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Super-Charger technical realization – Stage 2 (3GPP TS 23.116 version 12.0.0 Release 12)

ETSI TS 123119 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Gateway Location Register (GLR) – Stage 2 (3GPP TS 23.119 version 12.0.0 Release 12)

ETSI TS 123122 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 12.5.0 Release 12)

ETSI TS 123135 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 2 (3GPP TS 23.135 version 12.0.0 Release 12)

ETSI TS 123139 V 12.1.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 2 (3GPP TS 23.139 version 12.1.0 Release 12)

ETSI TS 123141 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Architecture and functional description (3GPP TS 23.141 version 12.0.0 Release 12)

ETSI TS 123142 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Value-added Services for SMS (VAS4SMS) – Interface and signalling flow (3GPP TS 23.142 version 12.0.0 Release 12)

ETSI TS 123146 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Technical realization of facsimile Group 3 non-transparent (3GPP TS 23.146 version 12.0.0 Release 12)

ETSI TS 123153 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Out of band transcoder control – Stage 2 (3GPP TS 23.153 version 12.0.0 Release 12)

ETSI TS 123167 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 12.0.0 Release 12)

ETSI TS 123172 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification – Stage 2 (3GPP TS 23.172 version 12.0.0 Release 12)

ETSI TS 123202 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Circuit switched data bearer services (3GPP TS 23.202 version 12.0.0 Release 12)

ETSI TS 123203 V 12.6.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control architecture (3GPP TS 23.203 version 12.6.0 Release 12)

ETSI TS 123204 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Support of Short Message Service (SMS) over generic 3GPP Internet Protocol (IP) access – Stage 2 (3GPP TS 23.204 version 12.4.0 Release 12)

ETSI TS 123205 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Bearer-independent circuit-switched core network – Stage 2 (3GPP TS 23.205 version 12.0.0 Release 12)

ETSI TS 123207 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – End-to-end Quality of Service (QoS) concept and architecture (3GPP TS 23.207 version 12.0.0 Release 12)

ETSI TS 123216 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Single Radio Voice Call Continuity (SRVCC) – Stage 2 (3GPP TS 23.216 version 12.1.0 Release 12)

ETSI TS 123218 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) session handling – IM call model – Stage 2 (3GPP TS 23.218 version 12.3.0 Release 12)

ETSI TS 123221 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architectural requirements (3GPP TS 23.221 version 12.0.0 Release 12)

ETSI TS 123226 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Global text telephony (GTT) – Stage 2 (3GPP TS 23.226 version 12.0.0 Release 12)

ETSI TS 123228 V 12.6.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Stage 2 (3GPP TS 23.228 version 12.6.0 Release 12)

ETSI TS 123231 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – SIP-I based circuit-switched core network – Stage 2 (3GPP TS 23.231 version 12.0.0 Release 12)

ETSI TS 123234 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – System description (3GPP TS 23.234 version 12.0.0 Release 12)

ETSI TS 123236 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes (3GPP TS 23.236 version 12.0.0 Release 12)

ETSI TS 123237 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Service Continuity – Stage 2 (3GPP TS 23.237 version 12.7.0 Release 12)

ETSI TS 123240 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Architecture (Stage 2) (3GPP TS 23.240 version 12.0.0 Release 12)

ETSI TS 123246 V 12.3.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Architecture and functional description (3GPP TS 23.246 version 12.3.0 Release 12)

ETSI TS 123251 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Network sharing – Architecture and functional description (3GPP TS 23.251 version 12.1.0 Release 12)

ETSI TS 123259 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Procedures and information flows – Stage 2 (3GPP TS 23.259 version 12.0.0 Release 12)

ETSI TS 123261 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – IP flow mobility and seamless Wireless Local Area Network (WLAN) offload – Stage 2 (3GPP TS 23.261 version 12.0.0 Release 12)

ETSI TS 123271 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 12.1.0 Release 12)

ETSI TS 123272 V 12.4.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Switched (CS) fallback in Evolved Packet System (EPS) – Stage 2 (3GPP TS 23.272 version 12.4.0 Release 12)

ETSI TS 123278 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – Stage 2 – IM CN Interworking (3GPP TS 23.278 version 12.0.0 Release 12)

ETSI TS 123279 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services – Stage 2 (3GPP TS 23.279 version 12.0.0 Release 12)

ETSI TS 123284 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Local Call Local Switch (LCLS) – Stage 2 (3GPP TS 23.284 version 12.0.0 Release 12)

ETSI TS 123292 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) centralized services – Stage 2 (3GPP TS 23.292 version 12.4.0 Release 12)

ETSI TS 123303 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based services (ProSe) – Stage 2 (3GPP TS 23.303 version 12.2.0 Release 12)

ETSI TS 123327 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility between 3GPP-Wireless Local Area Network (WLAN) interworking and 3GPP systems (3GPP TS 23.327 version 12.0.0 Release 12)

ETSI TS 123333 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 12.3.0 Release 12)

ETSI TS 123334 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 12.5.0 Release 12)

ETSI TS 123335 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Data Convergence (UDC) – Technical realization and information flows – Stage 2 (3GPP TS 23.335 version 12.0.0 Release 12)

ETSI TS 123380 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Restoration Procedures (3GPP TS 23.380 version 12.0.0 Release 12)

ETSI TS 123401 V 12.6.0:2014-09

LTE – General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 12.6.0 Release 12)

ETSI TS 123402 V 12.6.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 12.6.0 Release 12)

ETSI TS 123468 V 12.2.0:2014-09

LTE – Group Communication System Enablers for LTE (GCSE LTE) – Stage 2
(3GPP TS 23.468 version 12.2.0 Release 12)

ETSI TS 123682 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 12.2.0 Release 12)

ETSI TR 123903 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Redial solution for voice-video switching (3GPP TR 23.903 version 12.0.0 Release 12)

ETSI TR 123919 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Direct tunnel deployment guideline (3GPP TR 23.919 version 12.0.0 Release 12)

ETSI TR 123924 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) (3GPP TR 23.924 version 12.0.0 Release 12)

ETSI TR 123975 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IPv6 migration guidelines (3GPP TR 23.975 version 12.0.0 Release 12)

ETSI TR 123976 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Push architecture
(3GPP TR 23.976 version 12.0.0 Release 12)

ETSI TR 123977 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks (3GPP TR 23.977 version 12.0.0 Release 12)

ETSI TR 123979 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP enablers for Open Mobile Alliance (OMA) – Push-to-talk over Cellular (PoC) services – Stage 2 (3GPP TR 23.979 version 12.0.0 Release 12)

ETSI TR 123981 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations
(3GPP TR 23.981 version 12.0.0 Release 12)

ETSI TS 124002 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – GSM – UMTS Public Land Mobile Network (PLMN) Access Reference Configuration (3GPP TS 24.002 version 12.0.0 Release 12)

ETSI TS 124007 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface signalling layer 3 – General Aspects
(3GPP TS 24.007 version 12.0.0 Release 12)

ETSI TS 124008 V 10.15.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 10.15.0 Release 10)

ETSI TS 124008 V 11.12.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 11.12.0 Release 11)

ETSI TS 124008 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface Layer 3 specification – Core network protocols – Stage 3 (3GPP TS 24.008 version 12.7.0 Release 12)

ETSI TS 124010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile radio interface layer 3 – Supplementary services specification – General aspects (3GPP TS 24.010 version 12.0.0 Release 12)

ETSI TS 124011 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 12.0.0 Release 12)

ETSI TS 124022 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Radio Link Protocol (RLP) for circuit switched bearer and teleservices (3GPP TS 24.022 version 12.0.0 Release 12)

ETSI TS 124030 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Supplementary service operations – Stage 3 (3GPP TS 24.030 version 12.0.0 Release 12)

ETSI TS 124067 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Enhanced Multi-Level Precedence and Pre-emption service (eMLPP) – Stage 3 (3GPP TS 24.067 version 12.0.0 Release 12)

ETSI TS 124072 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) supplementary service – Stage 3 (3GPP TS 24.072 version 12.0.0 Release 12)

ETSI TS 124080 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile radio interface layer 3 supplementary services specification – Formats and coding (3GPP TS 24.080 version 12.0.0 Release 12)

ETSI TS 124081 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 3 (3GPP TS 24.081 version 12.0.0 Release 12)

ETSI TS 124082 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) supplementary services – Stage 3 (3GPP TS 24.082 version 12.0.0 Release 12)

ETSI TS 124083 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Hold (HOLD) supplementary services – Stage 3 (3GPP TS 24.083 version 12.0.0 Release 12)

ETSI TS 124084 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multi Party (MPTY) supplementary service – Stage 3 (3GPP TS 24.084 version 12.0.0 Release 12)

ETSI TS 124085 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary service – Stage 3 (3GPP TS 24.085 version 12.0.0 Release 12)

ETSI TS 124086 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 3 (3GPP TS 24.086 version 12.0.0 Release 12)

ETSI TS 124087 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) Supplementary Service – Stage 3 (3GPP TS 24.087 version 12.0.0 Release 12)

ETSI TS 124088 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary service – Stage 3 (3GPP TS 24.088 version 12.0.0 Release 12)

ETSI TS 124090 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 3 (3GPP TS 24.090 version 12.0.0 Release 12)

ETSI TS 124091 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 3 (3GPP TS 24.091 version 12.0.0 Release 12)

ETSI TS 124093 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Completion of Calls to Busy Subscriber (CCBS) – Stage 3 (3GPP TS 24.093 version 12.0.0 Release 12)

ETSI TS 124096 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Name Identification supplementary services – Stage 3 (3GPP TS 24.096 version 12.0.0 Release 12)

ETSI TS 124109 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Bootstrapping interface (Ub) and network application function interface (Ua) – Protocol details (3GPP TS 24.109 version 12.3.0 Release 12)

ETSI TS 124135 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Multicall supplementary service – Stage 3 (3GPP TS 24.135 version 12.0.0 Release 12)

ETSI TS 124139 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Stage 3 (3GPP TS 24.139 version 12.0.0 Release 12)

ETSI TS 124141 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.141 version 12.1.0 Release 12)

ETSI TS 124147 V 7.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 7.11.0 Release 7)

ETSI TS 124147 V 8.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 8.5.0 Release 8)

ETSI TS 124147 V 9.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 9.4.0 Release 9)

ETSI TS 124147 V 10.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 10.4.0 Release 10)

ETSI TS 124147 V 11.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 11.3.0 Release 11)

ETSI TS 124147 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem – Stage 3 (3GPP TS 24.147 version 12.3.0 Release 12)

ETSI TS 124166 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) (3GPP TS 24.166 version 12.0.0 Release 12)

ETSI TS 124167 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IMS Management Object (MO) – Stage 3 (3GPP TS 24.167 version 12.2.0 Release 12)

ETSI TS 124171 V 12.0.0:2014-10

LTE – Control Plane Location Services (LCS) procedures in the Evolved Packet System (EPS) (3GPP TS 24.171 version 12.0.0 Release 12)

ETSI TS 124173 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IMS Multimedia telephony communication service and supplementary services – Stage 3 (3GPP TS 24.173 version 12.2.0 Release 12)

ETSI TS 124182 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT) – Protocol specification (3GPP TS 24.182 version 12.0.0 Release 12)

ETSI TS 124183 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS) – Protocol specification (3GPP TS 24.183 version 12.0.0 Release 12)

ETSI TS 124216 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Communication Continuity Management Object (MO) (3GPP TS 24.216 version 12.0.0 Release 12)

ETSI TS 124229 V 6.30.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 6.30.0 Release 6)

ETSI TS 124229 V 7.34.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 7.34.0 Release 7)

ETSI TS 124229 V 8.29.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 8.29.0 Release 8)

ETSI TS 124229 V 9.21.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 9.21.0 Release 9)

ETSI TS 124229 V 10.17.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 10.17.0 Release 10)

ETSI TS 124229 V 11.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 11.13.0 Release 11)

ETSI TS 124229 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TS 24.229 version 12.6.0 Release 12)

ETSI TS 124234 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system to Wireless Local Area Network (WLAN) interworking – WLAN User Equipment (WLAN UE) to network protocols – Stage 3 (3GPP TS 24.234 version 12.0.0 Release 12)

ETSI TS 124235 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) (3GPP TS 24.235 version 12.0.0 Release 12)

ETSI TS 124237 V 10.16.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service continuity – Stage 3
(3GPP TS 24.237 version 10.16.0 Release 10)

ETSI TS 124237 V 11.12.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service continuity – Stage 3
(3GPP TS 24.237 version 11.12.0 Release 11)

ETSI TS 124237 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN)
subsystem IP Multimedia Subsystem (IMS) service continuity – Stage 3
(3GPP TS 24.237 version 12.6.0 Release 12)

ETSI TS 124238 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Session Initiation Protocol (SIP) based
user configuration – Stage 3 (3GPP TS 24.238 version 12.0.0 Release 12)

ETSI TS 124239 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Flexible Alerting (FA) using IP Multimedia (IM) Core Network (CN)
subsystem – Protocol specification (3GPP TS 24.239 version 12.0.0 Release 12)

ETSI TS 124244 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Wireless LAN control plane protocol
for trusted WLAN access to EPC (3GPP TS 24.244 version 12.0.0 Release 12)

ETSI TS 124247 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Messaging service using the IP Multimedia (IM) Core Network (CN)
subsystem – Stage 3 (3GPP TS 24.247 version 12.0.0 Release 12)

ETSI TS 124259 V 9.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3
(3GPP TS 24.259 version 9.11.0 Release 9)

ETSI TS 124259 V 10.8.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3
(3GPP TS 24.259 version 10.8.0 Release 10)

ETSI TS 124259 V 11.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3
(3GPP TS 24.259 version 11.5.0 Release 11)

ETSI TS 124259 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications
System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3
(3GPP TS 24.259 version 12.0.0 Release 12)

ETSI TS 124279 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Combining Circuit Switched (CS) and
IP Multimedia Subsystem (IMS) services – Stage 3 (3GPP TS 24.279 version 12.0.0 Release 12)

ETSI TS 124285 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Allowed Closed Subscriber
Group (CSG) list – Management Object (MO) (3GPP TS 24.285 version 12.0.0 Release 12)

ETSI TS 124286 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Management Object (MO) (3GPP TS 24.286 version 12.0.0 Release 12)

ETSI TS 124292 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS) – Stage 3 (3GPP TS 24.292 version 12.5.0 Release 12)

ETSI TS 124294 V 12.0.0 : 2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface (3GPP TS 24.294 version 12.0.0 Release 12)

ETSI TS 124301 V 10.15.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 10.15.0 Release 10)

ETSI TS 124301 V 11.12.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 11.12.0 Release 11)

ETSI TS 124301 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 12.6.0 Release 12)

ETSI TS 124302 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks – Stage 3 (3GPP TS 24.302 version 12.6.0 Release 12)

ETSI TS 124303 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility management based on Dual-Stack Mobile IPv6 – Stage 3 (3GPP TS 24.303 version 12.0.0 Release 12)

ETSI TS 124304 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility management based on Mobile IPv4 – User Equipment (UE) – foreign agent interface – Stage 3 (3GPP TS 24.304 version 12.0.0 Release 12)

ETSI TS 124305 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Selective Disabling of 3GPP User Equipment Capabilities (SDoUE) Management Object (MO) (3GPP TS 24.305 version 12.0.0 Release 12)

ETSI TS 124312 V 12.6.1:2014-10

Universal Mobile Telecommunications System (UMTS) – Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 12.6.1 Release 12)

ETSI TS 124315 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB) – Stage 3: protocol specification (3GPP TS 24.315 version 12.0.0 Release 12)

ETSI TS 124322 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Tunnelling of IP Multimedia Subsystem (IMS) services over restrictive access networks – Stage 3 (3GPP TS 24.322 version 12.1.0 Release 12)

ETSI TS 124323 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 12.0.0 Release 12)

ETSI TS 124327 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobility between 3GPP Wireless Local Area Network (WLAN) interworking (I-WLAN) and 3GPP systems – General Packet Radio System (GPRS) and 3GPP I-WLAN aspects – Stage 3 (3GPP TS 24.327 version 12.0.0 Release 12)

ETSI TS 124333 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services Management Object (MO) (3GPP TS 24.333 version 12.0.0 Release 12)

ETSI TS 124334 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects – Stage 3 (3GPP TS 24.334 version 12.0.0 Release 12)

ETSI TS 124337 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer – Stage 3 (3GPP TS 24.337 version 12.0.0 Release 12)

ETSI TS 124341 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Support of SMS over IP networks – Stage 3 (3GPP TS 24.341 version 12.5.0 Release 12)

ETSI TS 124368 V 11.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 11.3.0 Release 11)

ETSI TS 124368 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 12.2.0 Release 12)

ETSI TS 124390 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS – Stage 3 (3GPP TS 24.390 version 12.1.0 Release 12)

ETSI TS 124391 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) (3GPP TS 24.391 version 12.1.0 Release 12)

ETSI TS 124523 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Core and enterprise Next Generation Network (NGN) interaction scenarios – Architecture and functional description (3GPP TS 24.523 version 12.1.0 Release 12)

ETSI TS 124524 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Hosted enterprise services – Architecture, functional description and signalling (3GPP TS 24.524 version 12.1.0 Release 12)

ETSI TS 124525 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Business trunking – Architecture and functional description (3GPP TS 24.525 version 12.0.0 Release 12)

ETSI TS 124604 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.604 version 12.4.0 Release 12)

ETSI TS 124605 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.605 version 12.3.0 Release 12)

ETSI TS 124606 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.606 version 12.0.0 Release 12)

ETSI TS 124607 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.607 version 12.1.0 Release 12)

ETSI TS 124608 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminating Identification Presentation (TIP) and Terminating Identification Restriction (TIR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.608 version 12.0.0 Release 12)

ETSI TS 124610 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.610 version 12.5.0 Release 12)

ETSI TS 124611 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.611 version 12.3.0 Release 12)

ETSI TS 124615 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol Specification (3GPP TS 24.615 version 12.1.0 Release 12)

ETSI TS 124616 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.616 version 12.1.0 Release 12)

ETSI TS 124623 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 12.5.0 Release 12)

ETSI TS 124628 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.628 version 12.3.0 Release 12)

ETSI TS 124629 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.629 version 12.4.0 Release 12)

ETSI TS 124642 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem – Protocol specification (3GPP TS 24.642 version 12.0.0 Release 12)

ETSI TS 124647 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.647 version 12.0.0 Release 12)

ETSI TS 124654 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem, Protocol Specification (3GPP TS 24.654 version 12.0.0 Release 12)

ETSI TR 124930 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – Stage 3 (3GPP TR 24.930 version 12.0.0 Release 12)

ETSI TS 125101 V 11.10.0:2014-10

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.10.0 Release 11)

ETSI TS 125101 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 12.5.0 Release 12)

ETSI TS 125102 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 12.0.0 Release 12)

ETSI TS 125104 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 12.4.0 Release 12)

ETSI TS 125105 V 11.7.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 11.7.0 Release 11)

ETSI TS 125105 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 12.0.0 Release 12)

ETSI TS 125106 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 12.0.0 Release 12)

ETSI TS 125111 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Location Measurement Unit (LMU) performance specification – User Equipment (UE) positioning in UTRAN
(3GPP TS 25.111 version 12.0.0 Release 12)

ETSI TS 125113 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base station (BS) and repeater electromagnetic compatibility (EMC) (3GPP TS 25.113 version 12.1.0 Release 12)

ETSI TS 125116 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (LCR TDD) (3GPP TS 25.116 version 12.0.0 Release 12)

ETSI TS 125123 V 12.1.2:2014-10

Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (TDD) (3GPP TS 25.123 version 12.1.2 Release 12)

ETSI TS 125133 V 12.5.0 : 2014-10

Universal Mobile Telecommunications System (UMTS) – Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 12.5.0 Release 12)

ETSI TS 125141 V 10.11.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 10.11.0 Release 10)

ETSI TS 125141 V 11.9.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 11.9.0 Release 11)

ETSI TS 125141 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 12.5.0 Release 12)

ETSI TS 125142 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 12.0.0 Release 12)

ETSI TS 125143 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 12.0.0 Release 12)

ETSI TS 125153 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (LCR TDD) (3GPP TS 25.153 version 12.0.0 Release 12)

ETSI TS 125171 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Global Positioning System (A-GPS) – Frequency Division Duplex (FDD) (3GPP TS 25.171 version 12.0.0 Release 12)

ETSI TS 125172 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD) (3GPP TS 25.172 version 12.0.0 Release 12)

ETSI TS 125173 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD) (3GPP TS 25.173 version 12.0.0 Release 12)

ETSI TS 125201 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer – general description (3GPP TS 25.201 version 12.0.0 Release 12)

ETSI TS 125202 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – 7.68 Mcps Time Division Duplex (TDD)
option – Overall description: Stage 2 (3GPP TS 25.202 version 12.0.0 Release 12)

ETSI TS 125211 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport
channels onto physical channels (FDD) (3GPP TS 25.211 version 12.0.0 Release 12)

ETSI TS 125212 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (FDD)
(3GPP TS 25.212 version 12.0.0 Release 12)

ETSI TS 125213 V 12.0.0 : 2014-09

Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (FDD)
(3GPP TS 25.213 version 12.0.0 Release 12)

ETSI TS 125214 V 11.10.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD)
(3GPP TS 25.214 version 11.10.0 Release 11)

ETSI TS 125214 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (FDD)
(3GPP TS 25.214 version 12.0.0 Release 12)

ETSI TS 125215 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (FDD)
(3GPP TS 25.215 version 12.0.0 Release 12)

ETSI TS 125221 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical channels and mapping of transport
channels onto physical channels (TDD) (3GPP TS 25.221 version 12.0.0 Release 12)

ETSI TS 125222 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Multiplexing and channel coding (TDD)
(3GPP TS 25.222 version 12.0.0 Release 12)

ETSI TS 125223 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Spreading and modulation (TDD)
(3GPP TS 25.223 version 12.0.0 Release 12)

ETSI TS 125224 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer procedures (TDD)
(3GPP TS 25.224 version 12.0.0 Release 12)

ETSI TS 125225 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Physical layer – Measurements (TDD)
(3GPP TS 25.225 version 12.0.0 Release 12)

ETSI TS 125300 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Umiversal Terrestrial Radio Access Network
(UTRAN) – General description – Stage 2 (3GPP TS 25.300 version 12.2.0 Release 12)

ETSI TS 125301 V 12.0.0 : 2014-09

Universal Mobile Telecommunications System (UMTS) – Radio interface protocol architecture
(3GPP TS 25.301 version 12.0.0 Release 12)

ETSI TS 125302 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Services provided by the physical layer
(3GPP TS 25.302 version 12.0.0 Release 12)

ETSI TS 125303 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Interlayer procedures in Connected Mode
(3GPP TS 25.303 version 12.0.0 Release 12)

ETSI TS 125304 V 12.3.0:2014-09

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 12.3.0 Release 12)

ETSI TS 125305 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Stage 2 functional specification of User Equipment (UE) positioning in UTRAN (3GPP TS 25.305 version 12.0.0 Release 12)

ETSI TS 125306 V 11.9.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities
(3GPP TS 25.306 version 11.9.0 Release 11)

ETSI TS 125306 V 12.3.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UE Radio Access capabilities
(3GPP TS 25.306 version 12.3.0 Release 12)

ETSI TS 125307 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 12.0.0 Release 12)

ETSI TS 125308 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – High Speed Downlink Packet Access (HSDPA) – Overall description – Stage 2 (3GPP TS 25.308 version 12.1.0 Release 12)

ETSI TS 125319 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Enhanced uplink – Overall description – Stage 2 (3GPP TS 25.319 version 12.1.0 Release 12)

ETSI TS 125321 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 12.1.0 Release 12)

ETSI TS 125322 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 12.0.0 Release 12)

ETSI TS 125323 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 25.323 version 12.0.0 Release 12)

ETSI TS 125324 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Broadcast/Multicast Control (BMC) (3GPP TS 25.324 version 12.0.0 Release 12)

ETSI TS 125331 V 9.19.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 9.19.0 Release 9)

ETSI TS 125331 V 10.17.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 10.17.0 Release 10)

ETSI TS 125331 V 11.11.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 11.11.0 Release 11)

ETSI TS 125331 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 25.331 version 12.3.0 Release 12)

ETSI TS 125346 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN) – Stage 2 (3GPP TS 25.346 version 12.0.0 Release 12)

ETSI TS 125367 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Mobility procedures for Home Node B (HNB) – Overall description – Stage 2 (3GPP TS 25.367 version 12.0.0 Release 12)

ETSI TS 125401 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRAN overall description (3GPP TS 25.401 version 12.0.0 Release 12)

ETSI TS 125402 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 12.0.0 Release 12)

ETSI TS 125410 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface: General aspects and principles (3GPP TS 25.410 version 12.0.0 Release 12)

ETSI TS 125411 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface layer 1 (3GPP TS 25.411 version 12.0.0 Release 12)

ETSI TS 125412 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface signalling transport (3GPP TS 25.412 version 12.0.0 Release 12)

ETSI TS 125413 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 12.2.0 Release 12)

ETSI TS 125414 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface data transport and transport signalling (3GPP TS 25.414 version 12.0.0 Release 12)

ETSI TS 125415 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface user plane protocols (3GPP TS 25.415 version 12.0.0 Release 12)

ETSI TS 125419 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 12.0.0 Release 12)

ETSI TS 125420 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface general aspects and principles (3GPP TS 25.420 version 12.0.0 Release 12)

ETSI TS 125421 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface layer 1 (3GPP TS 25.421 version 12.0.0 Release 12)

ETSI TS 125422 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface signalling transport (3GPP TS 25.422 version 12.0.0 Release 12)

ETSI TS 125423 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 12.2.0 Release 12)

ETSI TS 125424 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams (3GPP TS 25.424 version 12.0.0 Release 12)

ETSI TS 125425 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 12.1.0 Release 12)

ETSI TS 125426 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams (3GPP TS 25.426 version 12.0.0 Release 12)

ETSI TS 125427 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub/Iur interface user plane protocol for DCH data streams (3GPP TS 25.427 version 12.1.0 Release 12)

ETSI TS 125430 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub Interface: general aspects and principles (3GPP TS 25.430 version 12.0.0 Release 12)

ETSI TS 125431 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 12.0.0 Release 12)

ETSI TS 125432 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface: signalling transport (3GPP TS 25.432 version 12.0.0 Release 12)

ETSI TS 125433 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 12.2.0 Release 12)

ETSI TS 125434 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams (3GPP TS 25.434 version 12.0.0 Release 12)

ETSI TS 125435 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 12.1.0 Release 12)

ETSI TS 125442 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 12.0.0 Release 12)

ETSI TS 125444 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Iuh data transport (3GPP TS 25.444 version 12.0.0 Release 12)

ETSI TS 125446 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – MBMS synchronisation protocol (SYNC)
(3GPP TS 25.446 version 12.0.0 Release 12)

ETSI TS 125450 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuPC interface general aspects and
principles (3GPP TS 25.450 version 12.0.0 Release 12)

ETSI TS 125451 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuPC interface layer 1
(3GPP TS 25.451 version 12.0.0 Release 12)

ETSI TS 125452 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuPC interface: signalling transport
(3GPP TS 25.452 version 12.0.0 Release 12)

ETSI TS 125453 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuPC interface Positioning
Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 12.1.0 Release 12)

ETSI TS 125460 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuANT interface: General aspects and
principles (3GPP TS 25.460 version 12.0.0 Release 12)

ETSI TS 125461 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuANT interface: Layer 1
(3GPP TS 25.461 version 12.1.0 Release 12)

ETSI TS 125462 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuANT interface: Signalling transport
(3GPP TS 25.462 version 12.0.0 Release 12)

ETSI TS 125466 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuANT interface: Application part
(3GPP TS 25.466 version 12.1.0 Release 12)

ETSI TS 125467 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface RANAP User
Adaption (RUA) signalling (3GPP TS 25.467 version 12.2.0 Release 12)

ETSI TS 125468 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface Home Node B (HNB)
Application Part (HNAP) signalling (3GPP TS 25.468 version 12.0.0 Release 12)

ETSI TS 125469 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh interface Home Node B (HNB)
Application Part (HNAP) signalling (3GPP TS 25.469 version 12.2.0 Release 12)

ETSI TS 125470 V 12.1.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN Iuh Interface PCAP User
Adaption (PUA) signalling (3GPP TS 25.470 version 12.1.0 Release 12)

ETSI TS 125471 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN IuRH interface Radio Network
Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471
version 12.0.0 Release 12)

ETSI TS 125484 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for
UTRAN – Stage 2 (3GPP TS 25.484 version 12.0.0 Release 12)

ETSI TR 125903 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users (3GPP TR 25.903 version 12.0.0 Release 12)

ETSI TR 125906 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met (3GPP TR 25.906 version 12.0.0 Release 12)

ETSI TR 125912 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) (3GPP TR 25.912 version 12.0.0 Release 12)

ETSI TR 125914 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Measurements of radio performances for UMTS terminals in speech mode (3GPP TR 25.914 version 12.0.0 Release 12)

ETSI TR 125927 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Solutions for energy saving within UTRA Node B (3GPP TR 25.927 version 12.0.0 Release 12)

ETSI TR 125929 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Continuous connectivity for packet data users – 1.28 Mcps TDD (3GPP TR 25.929 version 12.0.0 Release 12)

ETSI TR 125931 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 12.0.0 Release 12)

ETSI TR 125942 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Radio Frequency (RF) system scenarios (3GPP TR 25.942 version 12.0.0 Release 12)

ETSI TR 125943 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Deployment aspects (3GPP TR 25.943 version 12.0.0 Release 12)

ETSI TR 125951 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – FDD Base Station (BS) classification (3GPP TR 25.951 version 12.0.0 Release 12)

ETSI TR 125956 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis (3GPP TR 25.956 version 12.0.0 Release 12)

ETSI TR 125963 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Feasibility study on interference cancellation for UTRA FDD User Equipment (UE) (3GPP TR 25.963 version 12.0.0 Release 12)

ETSI TR 125967 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Home Node B (HNB) Radio Frequency (RF) requirements (FDD) (3GPP TR 25.967 version 12.0.0 Release 12)

ETSI TR 125968 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – 1.28 Mcps TDD Home NodeB Radio Frequency (RF) (3GPP TR 25.968 version 12.0.0 Release 12)

ETSI TR 125992 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multimedia Broadcast/Multicast Service (MBMS) – UTRAN/GERAN requirements (3GPP TR 25.992 version 12.0.0 Release 12)

ETSI TR 125993 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) (3GPP TR 25.993 version 12.0.0 Release 12)

ETSI TR 125996 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Spatial channel model for Multiple Input Multiple Output (MIMO) simulations (3GPP TR 25.996 version 12.0.0 Release 12)

ETSI TS 126071 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech CODEC speech processing functions – AMR speech Codec – General description (3GPP TS 26.071 version 12.0.0 Release 12)

ETSI TS 126073 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi Rate (AMR) speech codec (3GPP TS 26.073 version 12.0.0 Release 12)

ETSI TS 126074 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec test sequences (3GPP TS 26.074 version 12.0.0 Release 12)

ETSI TS 126077 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Minimum performance requirements for noise suppresser – Application to the Adaptive Multi-Rate (AMR) speech encoder (3GPP TS 26.077 version 12.0.0 Release 12)

ETSI TS 126090 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Transcoding functions (3GPP TS 26.090 version 12.0.0 Release 12)

ETSI TS 126091 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Error concealment of lost frames (3GPP TS 26.091 version 12.0.0 Release 12)

ETSI TS 126092 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Comfort noise aspects (3GPP TS 26.092 version 12.0.0 Release 12)

ETSI TS 126093 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec – Source controlled rate operation (3GPP TS 26.093 version 12.0.0 Release 12)

ETSI TS 126094 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.094 version 12.0.0 Release 12)

ETSI TS 126101 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec frame structure (3GPP TS 26.101 version 12.0.0 Release 12)

ETSI TS 126102 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec – Adaptive Multi-Rate (AMR) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.102 version 12.0.0 Release 12)

ETSI TS 126103 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Speech codec list for GSM and UMTS (3GPP TS 26.103 version 12.0.0 Release 12)

ETSI TS 126104 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec (3GPP TS 26.104 version 12.0.0 Release 12)

ETSI TS 126110 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – General description (3GPP TS 26.110 version 12.0.0 Release 12)

ETSI TS 126111 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – Modifications to H.324 (3GPP TS 26.111 version 12.0.0 Release 12)

ETSI TS 126114 V 10.9.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 10.9.0 Release 10)

ETSI TS 126114 V 11.10.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 11.10.0 Release 11)

ETSI TS 126114 V 12.7.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) – Multimedia telephony – Media handling and interaction (3GPP TS 26.114 version 12.7.0 Release 12)

ETSI TS 126115 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Echo control for speech and multimedia services (3GPP TS 26.115 version 12.0.0 Release 12)

ETSI TS 126131 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 12.2.0 Release 12)

ETSI TS 126132 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 12.3.0 Release 12)

ETSI TS 126140 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Media formats and codecs (3GPP TS 26.140 version 12.0.0 Release 12)

ETSI TS 126141 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia System (IMS) Messaging and Presence – Media formats and codecs (3GPP TS 26.141 version 12.1.0 Release 12)

ETSI TS 126142 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Dynamic and Interactive Multimedia Scenes (DIMS) (3GPP TS 26.142 version 12.0.0 Release 12)

ETSI TS 126150 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Syndicated Feed Reception (SFR) within 3GPP environments – Protocols and codecs (3GPP TS 26.150 version 12.0.0 Release 12)

ETSI TS 126171 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – General description (3GPP TS 26.171 version 12.0.0 Release 12)

ETSI TS 126173 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi-Rate – Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 12.0.0 Release 12)

ETSI TS 126174 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 12.0.0 Release 12)

ETSI TS 126177 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Speech Enabled Services (SES) – Distributed Speech Recognition (DSR) extended advanced front-end test sequences (3GPP TS 26.177 version 12.0.0 Release 12)

ETSI TS 126190 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Transcoding functions (3GPP TS 26.190 version 12.0.0 Release 12)

ETSI TS 126191 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Error concealment of erroneous or lost frames (3GPP TS 26.191 version 12.0.0 Release 12)

ETSI TS 126192 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Comfort noise aspects (3GPP TS 26.192 version 12.0.0 Release 12)

ETSI TS 126193 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Source controlled rate operation
(3GPP TS 26.193 version 12.0.0 Release 12)

ETSI TS 126194 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.194 version 12.0.0 Release 12)

ETSI TS 126201 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Frame structure (3GPP TS 26.201 version 12.0.0 Release 12)

ETSI TS 126202 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.202 version 12.0.0 Release 12)

ETSI TS 126204 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – ANSI-C code (3GPP TS 26.204 version 12.0.0 Release 12)

ETSI TS 126226 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – General description
(3GPP TS 26.226 version 12.0.0 Release 12)

ETSI TS 126230 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Transmitter bit exact C-code
(3GPP TS 26.230 version 12.0.0 Release 12)

ETSI TS 126231 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Minimum performance requirements
(3GPP TS 26.231 version 12.0.0 Release 12)

ETSI TS 126233 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming service (PSS) – General description (3GPP TS 26.233 version 12.0.0 Release 12)

ETSI TS 126234 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Protocols and codecs (3GPP TS 26.234 version 12.4.0 Release 12)

ETSI TS 126235 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet switched conversational multimedia applications – Default codecs
(3GPP TS 26.235 version 12.0.0 Release 12)

ETSI TS 126236 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Packet switched conversational multimedia applications – Transport protocols (3GPP TS 26.236 version 12.0.0 Release 12)

ETSI TS 126237 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 12.1.0 Release 12)

ETSI TS 126243 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end (3GPP TS 26.243 version 12.0.0 Release 12)

ETSI TS 126244 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet switched streaming service (PSS) – 3GPP file format (3GP) (3GPP TS 26.244 version 12.3.0 Release 12)

ETSI TS 126245 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet switched Streaming Service (PSS) – Timed text format (3GPP TS 26.245 version 12.0.0 Release 12)

ETSI TS 126246 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – 3GPP SMIL language profile (3GPP TS 26.246 version 12.0.0 Release 12)

ETSI TS 126247 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 12.3.0 Release 12)

ETSI TS 126267 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – General description (3GPP TS 26.267 version 12.0.0 Release 12)

ETSI TS 126268 V 11.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – ANSI-C reference code (3GPP TS 26.268 version 11.1.0 Release 11)

ETSI TS 126268 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – ANSI-C reference code (3GPP TS 26.268 version 12.0.0 Release 12)

ETSI TS 126269 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – Conformance testing (3GPP TS 26.269 version 12.0.0 Release 12)

ETSI TS 126273 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec (3GPP TS 26.273 version 12.0.0 Release 12)

ETSI TS 126274 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec – Conformance testing (3GPP TS 26.274 version 12.0.0 Release 12)

ETSI TS 126290 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Transcoding functions (3GPP TS 26.290 version 12.0.0 Release 12)

ETSI TS 126304 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Floating-point ANSI-C code (3GPP TS 26.304 version 12.0.0 Release 12)

ETSI TS 126346 V 11.10.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 11.10.0 Release 11)

ETSI TS 126346 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Protocols and codecs (3GPP TS 26.346 version 12.3.0 Release 12)

ETSI TS 126401 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – General description (3GPP TS 26.401 version 12.0.0 Release 12)

ETSI TS 126402 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Additional decoder tools (3GPP TS 26.402 version 12.0.0 Release 12)

ETSI TS 126403 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification – Advanced Audio Coding (AAC) part (3GPP TS 26.403 version 12.0.0 Release 12)

ETSI TS 126404 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Enhanced aacPlus encoder Spectral Band Replication (SBR) part (3GPP TS 26.404 version 12.0.0 Release 12)

ETSI TS 126405 V 12.0.0 : 2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification parametric stereo part (3GPP TS 26.405 version 12.0.0 Release 12)

ETSI TS 126406 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Conformance testing (3GPP TS 26.406 version 12.0.0 Release 12)

ETSI TS 126410 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Floating-point ANSI-C code (3GPP TS 26.410 version 12.0.0 Release 12)

ETSI TS 126411 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Fixed-point ANSI-C code (3GPP TS 26.411 version 12.0.0 Release 12)

ETSI TS 126412 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Source code for 3GP file format (3GPP TS 26.412 version 12.0.0 Release 12)

ETSI TS 126430 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Timed graphics (3GPP TS 26.430 version 12.0.0 Release 12)

ETSI TS 126441 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec General Overview (3GPP TS 26.441 version 12.0.0 Release 12)

ETSI TS 126442 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec ANSI C code (fixed-point) (3GPP TS 26.442 version 12.0.0 Release 12)

ETSI TS 126444 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Test Sequences (3GPP TS 26.444 version 12.0.0 Release 12)

ETSI TS 126446 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec AMR-WB Backward Compatible Functions (3GPP TS 26.446 version 12.0.0 Release 12)

ETSI TS 126447 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Error Concealment of Lost Packets (3GPP TS 26.447 version 12.0.0 Release 12)

ETSI TS 126448 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Jitter Buffer Management (3GPP TS 26.448 version 12.0.0 Release 12)

ETSI TS 126449 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Comfort Noise Generation (CNG) Aspects (3GPP TS 26.449 version 12.0.0 Release 12)

ETSI TS 126450 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Discontinuous Transmission (DTX) (3GPP TS 26.450 version 12.0.0 Release 12)

ETSI TS 126451 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Voice Activity Detection (VAD) (3GPP TS 26.451 version 12.0.0 Release 12)

ETSI TR 126902 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Video codec performance (3GPP TR 26.902 version 12.0.0 Release 12)

ETSI TR 126903 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services (3GPP TR 26.903 version 12.0.0 Release 12)

ETSI TR 126904 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Improved video coding support
(3GPP TR 26.904 version 12.0.0 Release 12)

ETSI TR 126905 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile stereoscopic 3D video (3GPP TR 26.905 version 12.0.0 Release 12)

ETSI TR 126906 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services
(3GPP TR 26.906 version 12.0.0 Release 12)

ETSI TR 126907 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of HTML5 and 3GPP User Services (3GPP TR 26.907 version 12.0.0 Release 12)

ETSI TR 126911 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Codec(s) for Circuit-Switched (CS) multimedia telephony service – Terminal implementor's guide (3GPP TR 26.911 version 12.0.0 Release 12)

ETSI TR 126914 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia telephony over IP Multimedia Subsystem (IMS) – Optimization opportunities (3GPP TR 26.914 version 12.0.0 Release 12)

ETSI TR 126935 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet Switched (PS) conversational multimedia applications – Performance characterisation of default codecs (3GPP TR 26.935 version 12.0.0 Release 12)

ETSI TR 126936 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of 3GPP audio codecs
(3GPP TR 26.936 version 12.0.0 Release 12)

ETSI TR 126937 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – Real-time Transport Protocol (RTP) usage model
(3GPP TR 26.937 version 12.0.0 Release 12)

ETSI TR 126938 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Packet-switched Streaming Service (PSS) – Improved support for dynamic adaptive streaming over HTTP in 3GPP
(3GPP TR 26.938 version 12.0.0 Release 12)

ETSI TR 126943 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recognition performance evaluations of codecs for Speech Enabled Services (SES) (3GPP TR 26.943 version 12.0.0 Release 12)

ETSI TR 126944 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – End-to-end multimedia services performance metrics (3GPP TR 26.944 version 12.0.0 Release 12)

ETSI TR 126946 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 12.0.0 Release 12)

ETSI TR 126947 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Selection and characterisation of application layer Forward Error Correction (FEC) (3GPP TR 26.947 version 12.0.0 Release 12)

ETSI TR 126950 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Study on Surround Sound codec extension for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) (3GPP TR 26.950 version 12.0.0 Release 12)

ETSI TR 126967 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution (3GPP TR 26.967 version 12.0.0 Release 12)

ETSI TR 126969 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – Characterization report (3GPP TR 26.969 version 12.0.0 Release 12)

ETSI TR 126975 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 12.0.0 Release 12)

ETSI TR 126976 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec (3GPP TR 26.976 version 12.0.0 Release 12)

ETSI TR 126978 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase (3GPP TR 26.978 version 12.0.0 Release 12)

ETSI TS 127001 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) (3GPP TS 27.001 version 12.0.0 Release 12)

ETSI TS 127002 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities (3GPP TS 27.002 version 12.0.0 Release 12)

ETSI TS 127003 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities (3GPP TS 27.003 version 12.0.0 Release 12)

ETSI TS 127005 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Use of Data Terminal Equipment – Data Circuit terminating Equipment (DTE – DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (3GPP TS 27.005 version 12.0.0 Release 12)

ETSI TS 127007 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – AT command set for User Equipment (UE) (3GPP TS 27.007 version 12.6.0 Release 12)

ETSI TS 127010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminal Equipment to User Equipment (TE-UE) multiplexer protocol (3GPP TS 27.010 version 12.0.0 Release 12)

ETSI TS 127060 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet domain – Mobile Station (MS) supporting Packet Switched services (3GPP TS 27.060 version 12.0.0 Release 12)

ETSI TS 128390 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) – Interface Integration Reference Point (IRP) Solution Profiles (SPs) (3GPP TS 28.390 version 12.0.0 Release 12)

ETSI TS 128402 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements for Evolved Packet Core (EPC) and non-3GPP access interworking system (3GPP TS 28.402 version 12.0.0 Release 12)

ETSI TS 128611 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.611 version 12.1.0 Release 12)

ETSI TS 128612 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.612 version 12.1.0 Release 12)

ETSI TS 128616 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.616 version 12.2.0 Release 12)

ETSI TS 128620 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM) (3GPP TS 28.620 version 12.0.0 Release 12)

ETSI TS 128621 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 12.0.0 Release 12)

ETSI TS 128622 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.622 version 12.0.0 Release 12)

ETSI TS 128623 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.623 version 12.0.0 Release 12)

ETSI TS 128624 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Requirements (3GPP TS 28.624 version 12.0.0 Release 12)

ETSI TS 128625 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.625 version 12.0.0 Release 12)

ETSI TS 128626 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.626 version 12.0.0 Release 12)

ETSI TS 128627 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.627 version 12.0.0 Release 12)

ETSI TS 128628 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.628 version 12.0.0 Release 12)

ETSI TS 128629 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 12.0.0 Release 12)

ETSI TS 128631 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.631 version 12.0.0 Release 12)

ETSI TS 128632 V 12.0.1:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.632 version 12.0.1 Release 12)

ETSI TS 128633 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.633 version 12.0.0 Release 12)

ETSI TS 128651 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.651 version 12.0.0 Release 12)

ETSI TS 128652 V 11.3.1:2014-10

Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 11.3.1 Release 11)

ETSI TS 128652 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 12.0.0 Release 12)

ETSI TS 128653 V 11.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 11.4.0 Release 11)

ETSI TS 128653 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 12.0.0 Release 12)

ETSI TS 128654 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.654 version 12.0.0 Release 12)

ETSI TS 128655 V 11.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.655 version 11.2.0 Release 11)

ETSI TS 128655 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.655 version 12.0.0 Release 12)

ETSI TS 128656 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.656 version 12.0.0 Release 12)

ETSI TS 128657 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.657 version 12.0.0 Release 12)

ETSI TS 128658 V 11.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 11.5.0 Release 11)

ETSI TS 128658 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 12.0.0 Release 12)

ETSI TS 128659 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.659 version 12.0.0 Release 12)

ETSI TS 128661 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.661 version 12.0.0 Release 12)

ETSI TS 128662 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.662 version 12.0.0 Release 12)

ETSI TS 128663 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.663 version 12.0.0 Release 12)

ETSI TS 128671 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.671 version 12.0.0 Release 12)

ETSI TS 128672 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.672 version 12.0.0 Release 12)

ETSI TS 128673 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.673 version 12.0.0 Release 12)

ETSI TS 128674 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.674 version 12.0.0 Release 12)

ETSI TS 128675 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.675 version 12.0.0 Release 12)

ETSI TS 128676 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.676 version 12.0.0 Release 12)

ETSI TS 128701 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.701 version 12.0.0 Release 12)

ETSI TS 128702 V 11.3.0 : 2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.702 version 11.3.0 Release 11)

ETSI TS 128702 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.702 version 12.0.0 Release 12)

ETSI TS 128703 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.703 version 12.0.0 Release 12)

ETSI TS 128704 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.704 version 12.0.0 Release 12)

ETSI TS 128705 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.705 version 12.0.0 Release 12)

ETSI TS 128706 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.706 version 12.0.0 Release 12)

ETSI TS 128707 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.707 version 12.0.0 Release 12)

ETSI TS 128708 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.708 version 12.0.0 Release 12)

ETSI TS 128709 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.709 version 12.0.0 Release 12)

ETSI TS 128731 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.731 version 12.0.0 Release 12)

ETSI TS 128732 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.732 version 12.0.0 Release 12)

ETSI TS 128733 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.733 version 12.0.0 Release 12)

ETSI TS 128734 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.734 version 12.0.0 Release 12)

ETSI TS 128735 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.735 version 12.0.0 Release 12)

ETSI TS 128736 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.736 version 12.0.0 Release 12)

ETSI TS 128751 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.751 version 12.0.0 Release 12)

ETSI TS 128752 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.752 version 12.0.0 Release 12)

ETSI TS 128753 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.753 version 12.0.0 Release 12)

ETSI TR 128820 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Operation Model (FNOM) Umbrella Operation Model (UOM) (3GPP TR 28.820 version 12.0.0 Release 12)

ETSI TS 129002 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Mobile Application Part (MAP) specification (3GPP TS 29.002 version 12.6.0 Release 12)

ETSI TS 129007 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 12.0.0 Release 12)

ETSI TS 129010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Information element mapping between Mobile Station – Base Station System (MS – BSS) and Base Station System – Mobile-services Switching Centre (BSS – MSC) – Signalling Procedures and the Mobile Application Part (MAP) (3GPP TS 29.010 version 12.0.0 Release 12)

ETSI TS 129011 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Signalling Interworking for supplementary services (3GPP TS 29.011 version 12.0.0 Release 12)

ETSI TS 129013 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Signalling interworking between ISDN supplementary services – Application Service Element (ASE) and Mobile Application Part (MAP) protocols (3GPP TS 29.013 version 12.0.0 Release 12)

ETSI TS 129016 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface network service specification (3GPP TS 29.016 version 12.0.0 Release 12)

ETSI TS 129018 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 12.5.0 Release 12)

ETSI TS 129060 V 9.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 9.13.0 Release 9)

ETSI TS 129060 V 10.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 10.11.0 Release 10)

ETSI TS 129060 V 11.10.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 11.10.0 Release 11)

ETSI TS 129060 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 12.6.0 Release 12)

ETSI TS 129061 V 9.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 9.13.0 Release 9)

ETSI TS 129061 V 10.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 10.11.0 Release 10)

ETSI TS 129061 V 11.8.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 11.8.0 Release 11)

ETSI TS 129061 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 12.7.0 Release 12)

ETSI TS 129078 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X – CAMEL Application Part (CAP) specification (3GPP TS 29.078 version 12.0.0 Release 12)

ETSI TS 129079 V 10.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routeing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 10.6.0 Release 10)

ETSI TS 129079 V 11.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routeing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 11.5.0 Release 11)

ETSI TS 129079 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routeing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 12.1.0 Release 12)

ETSI TS 129108 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Application of the Radio Access Network Application Part (RANAP) on the E-interface (3GPP TS 29.108 version 12.0.0 Release 12)

ETSI TS 129109 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Zh and Zn Interfaces based on the Diameter protocol – Stage 3 (3GPP TS 29.109 version 12.0.0 Release 12)

ETSI TS 129118 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 12.6.0 Release 12)

ETSI TS 129119 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) (3GPP TS 29.119 version 12.0.0 Release 12)

ETSI TS 129120 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Application Part (MAP) specification for Gateway Location Register (GLR) (3GPP TS 29.120 version 12.0.0 Release 12)

ETSI TS 129139 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP system – fixed broadband access network interworking – Home (e)Node B – security gateway interface (3GPP TS 29.139 version 12.0.0 Release 12)

ETSI TS 129161 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services with Wireless Local Area Network (WLAN) access and Packet data Networks (PDN) (3GPP TS 29.161 version 12.0.0 Release 12)

ETSI TS 129162 V 12.5.0 : 2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 12.5.0 Release 12)

ETSI TS 129163 V 9.19.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 9.19.0 Release 9)

ETSI TS 129163 V 10.15.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 10.15.0 Release 10)

ETSI TS 129163 V 11.12.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 11.12.0 Release 11)

ETSI TS 129163 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 12.5.0 Release 12)

ETSI TS 129164 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks (3GPP TS 29.164 version 12.0.0 Release 12)

ETSI TS 129165 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Inter-IMS Network to Network Interface (NNI)
(3GPP TS 29.165 version 12.5.0 Release 12)

ETSI TS 129168 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Cell Broadcast Centre interfaces with the Evolved Packet Core – Stage 3 (3GPP TS 29.168 version 12.6.0 Release 12)

ETSI TS 129171 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC) – SLs interface (3GPP TS 29.171 version 12.1.0 Release 12)

ETSI TS 129172 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME) – SLg interface (3GPP TS 29.172 version 12.4.0 Release 12)

ETSI TS 129173 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Location Services (LCS) – Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 12.2.0 Release 12)

ETSI TS 129201 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC)
(3GPP TS 29.201 version 12.0.0 Release 12)

ETSI TS 129202 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Signalling System No. 7 (SS7) signalling transport in core network – Stage 3 (3GPP TS 29.202 version 12.0.0 Release 12)

ETSI TS 129204 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Signalling System No. 7 (SS7) security gateway – Architecture, functional description and protocol details (3GPP TS 29.204 version 12.0.0 Release 12)

ETSI TS 129205 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture – Stage 3
(3GPP TS 29.205 version 12.0.0 Release 12)

ETSI TS 129212 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Reference points (3GPP TS 29.212 version 12.6.0 Release 12)

ETSI TS 129213 V 11.12.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 11.12.0 Release 11)

ETSI TS 129213 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 12.5.0 Release 12)

ETSI TS 129214 V 11.14.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 11.14.0 Release 11)

ETSI TS 129214 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control over Rx reference point (3GPP TS 29.214 version 12.5.0 Release 12)

ETSI TS 129215 V 11.14.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 11.14.0 Release 11)

ETSI TS 129215 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 12.5.0 Release 12)

ETSI TS 129219 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 12.2.0 Release 12)

ETSI TS 129228 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Cx and Dx Interfaces – Signalling flows and message contents (3GPP TS 29.228 version 12.3.0 Release 12)

ETSI TS 129229 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Cx and Dx interfaces based on the Diameter protocol – Protocol details (3GPP TS 29.229 version 12.3.0 Release 12)

ETSI TS 129230 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter applications – 3GPP specific codes and identifiers (3GPP TS 29.230 version 12.6.0 Release 12)

ETSI TS 129231 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Application of SIP-I Protocols to Circuit Switched (CS) core network architecture – Stage 3 (3GPP TS 29.231 version 12.0.0 Release 12)

ETSI TS 129232 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Media Gateway Controller (MGC) – Media Gateway (MGW) interface – Stage 3 (3GPP TS 29.232 version 12.0.0 Release 12)

ETSI TS 129235 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 12.0.0 Release 12)

ETSI TS 129238 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Interconnection Border Control Functions (IBCF) – Transition Gateway (TrGW) interface, Ix interface – Stage 3 (3GPP TS 29.238 version 12.3.0 Release 12)

ETSI TS 129240 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 12.0.0 Release 12)

ETSI TS 129272 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 12.6.0 Release 12)

ETSI TS 129273 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP EPS AAA interfaces (3GPP TS 29.273 version 12.5.0 Release 12)

ETSI TS 129274 V 9.12.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 9.12.0 Release 9)

ETSI TS 129274 V 10.13.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 10.13.0 Release 10)

ETSI TS 129274 V 11.12.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 11.12.0 Release 11)

ETSI TS 129274 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C) – Stage 3 (3GPP TS 29.274 version 12.6.0 Release 12)

ETSI TS 129275 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols – Stage 3 (3GPP TS 29.275 version 12.4.0 Release 12)

ETSI TS 129276 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Evolved Packet System (EPS) – Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access – Stage 3 (3GPP TS 29.276 version 12.2.0 Release 12)

ETSI TS 129277 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Optimised handover procedures and protocol between EUTRAN access and non-3GPP accesses (S102) – Stage 3
(3GPP TS 29.277 version 12.0.0 Release 12)

ETSI TS 129278 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4 – CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)
(3GPP TS 29.278 version 12.0.0 Release 12)

ETSI TS 129279 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv4 (MIPv4) based mobility protocols – Stage 3 (3GPP TS 29.279 version 12.0.0 Release 12)

ETSI TS 129280 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Packet System (EPS) – 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 12.2.0 Release 12)

ETSI TS 129281 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 12.0.0 Release 12)

ETSI TS 129282 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Mobile IPv6 vendor specific option format and usage within 3GPP (3GPP TS 29.282 version 12.2.0 Release 12)

ETSI TS 129292 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 12.3.0 Release 12)

ETSI TS 129303 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Domain Name System Procedures – Stage 3 (3GPP TS 29.303 version 12.4.0 Release 12)

ETSI TS 129305 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 12.2.0 Release 12)

ETSI TS 129311 V 12.0.0 : 2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Service Level Interworking (SLI) for messaging services (3GPP TS 29.311 version 12.0.0 Release 12)

ETSI TS 129328 V 11.12.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 11.12.0 Release 11)

ETSI TS 129328 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia (IM) Subsystem Sh interface – Signalling flows and message contents (3GPP TS 29.328 version 12.6.0 Release 12)

ETSI TS 129329 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Sh interface based on the Diameter protocol – Protocol details (3GPP TS 29.329 version 12.4.0 Release 12)

ETSI TS 129332 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Media Gateway Control Function (MGCF) – IM Media Gateway – Mn interface (3GPP TS 29.332 version 12.0.0 Release 12)

ETSI TS 129333 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Multimedia Resource Function Controller (MRFC) – Multimedia Resource Function Processor (MRFP) Mp interface – Stage 3 (3GPP TS 29.333 version 12.3.0 Release 12)

ETSI TS 129334 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW) – Iq Interface – Stage 3 (3GPP TS 29.334 version 12.4.0 Release 12)

ETSI TS 129335 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Data Convergence (UDC) – User data repository access protocol over the Ud interface – Stage 3 (3GPP TS 29.335 version 12.0.0 Release 12)

ETSI TS 129336 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications (3GPP TS 29.336 version 12.2.0 Release 12)

ETSI TS 129337 V 11.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 11.4.0 Release 11)

ETSI TS 129337 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 12.3.0 Release 12)

ETSI TS 129338 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 12.4.0 Release 12)

ETSI TS 129343 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (Prose) Function to Proximity-services (ProSe) Application Server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 12.0.0 Release 12)

ETSI TS 129344 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (Prose) Function to Home Subscriber Server (HSS) aspects (PC4) – Stage 3 (3GPP TS 29.344 version 12.0.0 Release 12)

ETSI TS 129345 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Inter-Proximity-services (Prose) Function signalling aspects (PC6/PC7) – Stage 3 (3GPP TS 29.345 version 12.0.0 Release 12)

ETSI TS 129364 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability (3GPP TS 29.364 version 12.2.0 Release 12)

ETSI TS 129368 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS)
(3GPP TS 29.368 version 12.2.0 Release 12)

ETSI TS 129337 V 11.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 11.4.0 Release 11)

ETSI TS 129337 V 12.3.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 12.3.0 Release 12)

ETSI TS 129338 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs)
(3GPP TS 29.338 version 12.4.0 Release 12)

ETSI TS 129343 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (Prose) Function to Proximity-services (ProSe) Application Server aspects (PC2) – Stage 3
(3GPP TS 29.343 version 12.0.0 Release 12)

ETSI TS 129344 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (Prose) Function to Home Subscriber Server (HSS) aspects (PC4) – Stage 3 (3GPP TS 29.344 version 12.0.0 Release 12)

ETSI TS 129345 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Inter-Proximity-services (Prose) Function signalling aspects (PC6/PC7) – Stage 3 (3GPP TS 29.345 version 12.0.0 Release 12)

ETSI TS 129364 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability (3GPP TS 29.364 version 12.2.0 Release 12)

ETSI TS 129368 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS)
(3GPP TS 29.368 version 12.2.0 Release 12)

ETSI TS 131102 V 11.7.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 11.7.0 Release 11)

ETSI TS 131102 V 12.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 12.5.0 Release 12)

ETSI TS 131103 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 12.2.0 Release 12)

ETSI TS 131104 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Hosting Party Subscription Identity Module (HPSIM) application (3GPP TS 31.104 version 12.0.0 Release 12)

ETSI TS 131111 V 10.14.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 10.14.0 Release 10)

ETSI TS 131111 V 11.10.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 11.10.0 Release 11)

ETSI TS 131111 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 12.5.0 Release 12)

ETSI TS 131115 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications (3GPP TS 31.115 version 12.0.0 Release 12)

ETSI TS 131116 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Remote APDU Structure for (U)SIM Toolkit applications (3GPP TS 31.116 version 12.0.0 Release 12)

ETSI TS 131120 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Physical, electrical and logical test specification (3GPP TS 31.120 version 12.0.0 Release 12)

ETSI TS 131121 V 11.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 11.5.0 Release 11)

ETSI TS 131121 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – UICC-terminal interface – Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 12.0.0 Release 12)

ETSI TS 131122 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 12.0.0 Release 12)

ETSI TS 131124 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Equipment (ME) conformance test specification – Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 12.1.0 Release 12)

ETSI TS 131130 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 12.0.0 Release 12)

ETSI TS 131131 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – C-language binding to (U)SIM API (3GPP TS 31.131 version 12.0.0 Release 12)

ETSI TS 131133 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API) – ISIM API for Java Card (3GPP TS 31.133 version 12.0.0 Release 12)

ETSI TS 131213 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Test specification for (U)SIM – Application Programming Interface (API) for Java Card (3GPP TS 31.213 version 12.0.0 Release 12)

ETSI TS 131220 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Characteristics of the Contact Manager for 3GPP UICC applications (3GPP TS 31.220 version 12.0.0 Release 12)

ETSI TS 131221 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Contact Manager Application Programming Interface (API) – Contact Manager API for Java Card (3GPP TS 31.221 version 12.0.0 Release 12)

ETSI TR 131900 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – SIM/USIM internal and external interworking aspects (3GPP TR 31.900 version 12.0.0 Release 12)

ETSI TS 132101 V 11.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Principles and high level requirements (3GPP TS 32.101 version 11.3.0 Release 11)

ETSI TS 132101 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Principles and high level requirements (3GPP TS 32.101 version 12.0.0 Release 12)

ETSI TS 132102 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Architecture (3GPP TS 32.102 version 12.0.0 Release 12)

ETSI TS 132103 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 12.0.0 Release 12)

ETSI TS 132107 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) (3GPP TS 32.107 version 12.0.0 Release 12)

ETSI TS 132111-1 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 1: 3G fault management requirements (3GPP TS 32.111-1 version 12.0.0 Release 12)

ETSI TS 132111-2 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.111-2 version 12.0.0 Release 12)

ETSI TS 132111-6 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.111-6 version 12.0.0 Release 12)

ETSI TS 132121 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Requirements (3GPP TS 32.121 version 12.0.0 Release 12)

ETSI TS 132122 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.122 version 12.0.0 Release 12)

ETSI TS 132126 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.126 version 12.0.0 Release 12)

ETSI TS 132140 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) requirements (3GPP TS 32.140 version 12.0.0 Release 12)

ETSI TS 132141 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) architecture (3GPP TS 32.141 version 12.0.0 Release 12)

ETSI TS 132150 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Concept and definitions (3GPP TS 32.150 version 12.0.0 Release 12)

ETSI TS 132151 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) template (3GPP TS 32.151 version 12.0.0 Release 12)

ETSI TS 132152 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire (3GPP TS 32.152 version 12.0.0 Release 12)

ETSI TS 132153 V 11.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 11.1.0 Release 11)

ETSI TS 132153 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 12.0.0 Release 12)

ETSI TS 132154 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Backward and Forward Compatibility (BFC) – Concept and definitions (3GPP TS 32.154 version 12.0.0 Release 12)

ETSI TS 132155 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Requirements template (3GPP TS 32.155 version 12.0.0 Release 12)

ETSI TS 132156 V 11.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 11.2.0 Release 11)

ETSI TS 132156 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 12.0.0 Release 12)

ETSI TS 132157 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) template (3GPP TS 32.157 version 12.0.0 Release 12)

ETSI TS 132176 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.176 version 12.0.0 Release 12)

ETSI TS 132181 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Framework for Model Handling and Management (3GPP TS 32.181 version 12.0.0 Release 12)

ETSI TS 132182 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Common baseline information model (CBIM) (3GPP TS 32.182 version 12.0.0 Release 12)

ETSI TS 132240 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging architecture and principles (3GPP TS 32.240 version 12.5.0 Release 12)

ETSI TS 132250 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Circuit Switched (CS) domain charging (3GPP TS 32.250 version 12.2.0 Release 12)

ETSI TS 132251 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Packet Switched (PS) domain charging (3GPP TS 32.251 version 12.7.0 Release 12)

ETSI TS 132260 V 8.18.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 8.18.0 Release 8)

ETSI TS 132260 V 9.16.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 9.16.0 Release 9)

ETSI TS 132260 V 10.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 10.13.0 Release 10)

ETSI TS 132260 V 11.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 11.13.0 Release 11)

ETSI TS 132260 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 12.5.0 Release 12)

ETSI TS 132270 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Messaging Service (MMS) charging (3GPP TS 32.270 version 12.0.0 Release 12)

ETSI TS 132271 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Location Services (LCS) charging (3GPP TS 32.271 version 12.0.0 Release 12)

ETSI TS 132272 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 12.0.0 Release 12)

ETSI TS 132273 V 9.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 9.4.0 Release 9)

ETSI TS 132273 V 10.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 10.2.0 Release 10)

ETSI TS 132273 V 11.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 11.2.0 Release 11)

ETSI TS 132273 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 12.0.0 Release 12)

ETSI TS 132274 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 12.4.0 Release 12)

ETSI TS 132275 V 8.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 8.6.0 Release 8)

ETSI TS 132275 V 9.7.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 9.7.0 Release 9)

ETSI TS 132275 V 10.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 10.2.0 Release 10)

ETSI TS 132275 V 11.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 11.4.0 Release 11)

ETSI TS 132275 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 12.1.0 Release 12)

ETSI TS 132276 V 12.0.1:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Charging management – Voice Call Service (VCS) charging (3GPP TS 32.276 version 12.0.1 Release 12)

ETSI TS 132280 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 12.0.0 Release 12)

ETSI TS 132293 V 12.0.1:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proxy function (3GPP TS 32.293 version 12.0.1 Release 12)

ETSI TS 132295 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) transfer (3GPP TS 32.295 version 12.1.0 Release 12)

ETSI TS 132296 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Online Charging System (OCS): Applications and interfaces (3GPP TS 32.296 version 12.2.0 Release 12)

ETSI TS 132297 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 12.1.0 Release 12)

ETSI TS 132298 V 8.21.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 8.21.0 Release 8)

ETSI TS 132298 V 9.19.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 9.19.0 Release 9)

ETSI TS 132298 V 10.16.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 10.16.0 Release 10)

ETSI TS 132298 V 11.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 11.11.0 Release 11)

ETSI TS 132298 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 12.5.0 Release 12)

ETSI TS 132299 V 8.23.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 8.23.0 Release 8)

ETSI TS 132299 V 9.18.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 9.18.0 Release 9)

ETSI TS 132299 V 10.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 10.13.0 Release 10)

ETSI TS 132299 V 11.13.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 11.13.0 Release 11)

ETSI TS 132299 V 12.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Diameter charging applications (3GPP TS 32.299 version 12.6.0 Release 12)

ETSI TS 132300 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Name convention for Managed Objects (3GPP TS 32.300 version 12.0.0 Release 12)

ETSI TS 132301 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP) – Requirements (3GPP TS 32.301 version 12.0.0 Release 12)

ETSI TS 132302 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP) – Information Service (IS)
(3GPP TS 32.302 version 12.0.0 Release 12)

ETSI TS 132306 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.306 version 12.0.0 Release 12)

ETSI TS 132311 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Requirements (3GPP TS 32.311 version 12.0.0 Release 12)

ETSI TS 132312 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Information Service (IS) (3GPP TS 32.312 version 12.0.0 Release 12)

ETSI TS 132316 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Solution Set (SS) definitions (3GPP TS 32.316 version 12.0.0 Release 12)

ETSI TS 132321 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Requirements (3GPP TS 32.321 version 12.0.0 Release 12)

ETSI TS 132322 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 12.0.0 Release 12)

ETSI TS 132326 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.326 version 12.0.0 Release 12)

ETSI TS 132331 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP) – Requirements (3GPP TS 32.331 version 12.0.0 Release 12)

ETSI TS 132332 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.332 version 12.0.0 Release 12)

ETSI TS 132336 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.336 version 12.0.0 Release 12)

ETSI TS 132341 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Requirements (3GPP TS 32.341 version 12.0.0 Release 12)

ETSI TS 132342 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.342 version 12.0.0 Release 12)

ETSI TS 132346 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.346 version 12.0.0 Release 12)

ETSI TS 132351 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Requirements (3GPP TS 32.351 version 12.0.0 Release 12)

ETSI TS 132352 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.352 version 12.0.0 Release 12)

ETSI TS 132356 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.356 version 12.0.0 Release 12)

ETSI TS 132361 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Requirements (3GPP TS 32.361 version 12.0.0 Release 12)

ETSI TS 132362 V 12.0.0: 014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.362 version 12.0.0 Release 12)

ETSI TS 132366 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.366 version 12.0.0 Release 12)

ETSI TS 132371 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security Management concept and requirements (3GPP TS 32.371 version 12.0.0 Release 12)

ETSI TS 132372 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security services for Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.372 version 12.0.0 Release 12)

ETSI TS 132376 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security services for Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.376 version 12.0.0 Release 12)

ETSI TS 132381 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of If-N Integration Reference Point (IRP) – Requirements (3GPP TS 32.381 version 12.0.0 Release 12)

ETSI TS 132382 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of If-N Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.382 version 12.0.0 Release 12)

ETSI TS 132386 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of If-N Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.386 version 12.0.0 Release 12)

ETSI TS 132391 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Requirements (3GPP TS 32.391 version 12.0.0 Release 12)

ETSI TS 132392 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.392 version 12.0.0 Release 12)

ETSI TS 132396 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.396 version 12.0.0 Release 12)

ETSI TS 132401 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Concept and requirements (3GPP TS 32.401 version 12.0.0 Release 12)

ETSI TS 132404 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 12.0.0 Release 12)

ETSI TS 132405 V 7.9.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 7.9.0 Release 7)

ETSI TS 132405 V 8.6.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 8.6.0 Release 8)

ETSI TS 132405 V 9.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 9.3.0 Release 9)

ETSI TS 132405 V 10.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN)
(3GPP TS 32.405 version 10.1.0 Release 10)

ETSI TS 132405 V 11.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN)
(3GPP TS 32.405 version 11.2.0 Release 11)

ETSI TS 132405 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN)
(3GPP TS 32.405 version 12.0.0 Release 12)

ETSI TS 132406 V 7.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 7.2.0 Release 7)

ETSI TS 132406 V 8.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 8.1.0 Release 8)

ETSI TS 132406 V 9.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 9.1.0 Release 9)

ETSI TS 132406 V 10.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 10.1.0 Release 10)

ETSI TS 132406 V 11.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 11.4.0 Release 11)

ETSI TS 132406 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain
(3GPP TS 32.406 version 12.0.0 Release 12)

ETSI TS 132407 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Circuit Switched (CS) domain – UMTS and combined UMTS/GSM (3GPP TS 32.407 version 12.0.0 Release 12)

ETSI TS 132408 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Teleservice (3GPP TS 32.408 version 12.0.0 Release 12)

ETSI TS 132409 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – IP Multimedia Subsystem (IMS) (3GPP TS 32.409 version 12.0.0 Release 12)

ETSI TS 132410 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for UMTS and GSM (3GPP TS 32.410 version 12.0.0 Release 12)

ETSI TS 132411 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Requirements (3GPP TS 32.411 version 12.0.0 Release 12)

ETSI TS 132412 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.412 version 12.0.0 Release 12)

ETSI TS 132416 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.416 version 12.0.0 Release 12)

ETSI TS 132421 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace concepts and requirements (3GPP TS 32.421 version 12.0.0 Release 12)

ETSI TS 132422 V 11.11.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 11.11.0 Release 11)

ETSI TS 132422 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace control and configuration management (3GPP TS 32.422 version 12.3.0 Release 12)

ETSI TS 132423 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscriber and equipment trace – Trace data definition and management (3GPP TS 32.423 version 12.0.0 Release 12)

ETSI TS 132425 V 12.0.0:2014-10

LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 12.0.0 Release 12)

ETSI TS 132426 V 12.0.0:2014-10

LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 12.0.0 Release 12)

ETSI TS 132432 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: File format definition (3GPP TS 32.432 version 12.0.0 Release 12)

ETSI TS 132435 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement – eXtensible Markup Language (XML) file format definition (3GPP TS 32.435 version 12.0.0 Release 12)

ETSI TS 132436 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition (3GPP TS 32.436 version 12.0.0 Release 12)

ETSI TS 132441 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Requirements (3GPP TS 32.441 version 12.0.0 Release 12)

ETSI TS 132442 V 10.7.1:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 10.7.1 Release 10)

ETSI TS 132442 V 11.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 11.7.0 Release 11)

ETSI TS 132442 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 12.0.0 Release 12)

ETSI TS 132446 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.446 version 12.0.0 Release 12)

ETSI TS 132450 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions (3GPP TS 32.450 version 12.0.0 Release 12)

ETSI TS 132451 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Requirements (3GPP TS 32.451 version 12.0.0 Release 12)

ETSI TS 132452 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 12.0.0 Release 12)

ETSI TS 132453 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS) (3GPP TS 32.453 version 12.0.0 Release 12)

ETSI TS 132454 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS) – Definitions (3GPP TS 32.454 version 12.0.0 Release 12)

ETSI TS 132455 V 12.0.0:2014-10

LTE – Telecommunication management – Key Performance Indicators (KPI) for the Evolved Packet Core (EPC) – Definitions (3GPP TS 32.455 version 12.0.0 Release 12)

ETSI TS 132500 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Concepts and requirements (3GPP TS 32.500 version 12.0.0 Release 12)

ETSI TS 132501 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements – Concepts and requirements (3GPP TS 32.501 version 12.1.0 Release 12)

ETSI TS 132502 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.502 version 12.0.0 Release 12)

ETSI TS 132506 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.506 version 12.0.0 Release 12)

ETSI TS 132508 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Procedure flows for multi-vendor plug-and-play eNode B connection to the network (3GPP TS 32.508 version 12.0.0 Release 12)

ETSI TS 132509 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Data formats for multi-vendor plug and play eNode B connection to the network (3GPP TS 32.509 version 12.0.0 Release 12)

ETSI TS 132511 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Automatic Neighbour Relation (ANR) management – Concepts and requirements (3GPP TS 32.511 version 12.0.0 Release 12)

ETSI TS 132531 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Concepts and Integration Reference Point (IRP) Requirements (3GPP TS 32.531 version 12.0.0 Release 12)

ETSI TS 132532 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 12.0.0 Release 12)

ETSI TS 132536 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.536 version 12.0.0 Release 12)

ETSI TS 132541 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Self-healing concepts and requirements (3GPP TS 32.541 version 12.0.0 Release 12)

ETSI TS 132551 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Energy Saving Management (ESM) – Concepts and requirements (3GPP TS 32.551 version 12.0.0 Release 12)

ETSI TS 132571 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface concepts and requirements (3GPP TS 32.571 version 12.0.0 Release 12)

ETSI TS 132572 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface models and mapping functions (3GPP TS 32.572 version 12.0.0 Release 12)

ETSI TS 132581 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 12.0.0 Release 12)

ETSI TS 132582 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.582 version 12.0.0 Release 12)

ETSI TS 132583 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.583 version 12.0.0 Release 12)

ETSI TS 132584 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 12.0.0 Release 12)

ETSI TS 132591 V 12.0.0:2014-10

LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.591 version 12.0.0 Release 12)

ETSI TS 132592 V 12.0.0:2014-10

LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 12.0.0 Release 12)

ETSI TS 132593 V 12.0.0:2014-10

LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.593 version 12.0.0 Release 12)

ETSI TS 132594 V 12.0.0:2014-10

LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.594 version 12.0.0 Release 12)

ETSI TS 132600 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Concept and high-level requirements (3GPP TS 32.600 version 12.0.0 Release 12)

ETSI TS 132601 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Requirements (3GPP TS 32.601 version 12.0.0 Release 12)

ETSI TS 132602 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.602 version 12.0.0 Release 12)

ETSI TS 132606 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.606 version 12.0.0 Release 12)

ETSI TS 132611 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Requirements (3GPP TS 32.611 version 12.0.0 Release 12)

ETSI TS 132612 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.612 version 12.0.0 Release 12)

ETSI TS 132616 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.616 version 12.0.0 Release 12)

ETSI TS 132646 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – UTRAN network resources Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.646 version 12.0.0 Release 12)

ETSI TS 132652 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) – Network Resource Model (NRM) (3GPP TS 32.652 version 12.0.0 Release 12)

ETSI TS 132656 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – GERAN network resources Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.656 version 12.0.0 Release 12)

ETSI TS 132661 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Requirements (3GPP TS 32.661 version 12.0.0 Release 12)

ETSI TS 132662 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Information Service (IS) (3GPP TS 32.662 version 12.0.0 Release 12)

ETSI TS 132666 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.666 version 12.0.0 Release 12)

ETSI TS 132676 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – State Management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.676 version 12.0.0 Release 12)

ETSI TS 132690 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) – Requirements (3GPP TS 32.690 version 12.0.0 Release 12)

ETSI TS 132725 V 8.1.0:2009-01

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Repeater network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file format definition (3GPP TS 32.725 version 8.0.0 Release 8)

ETSI TS 132796 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.796 version 12.0.0 Release 12)

ETSI TR 132901 V 11.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Study on User Data Convergence (UDC) information model handling and provisioning: Example use cases (3GPP TR 32.901 version 11.0.0 Release 11)

ETSI TR 132901 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Study on User Data Convergence (UDC) information model handling and provisioning: Example use cases (3GPP TR 32.901 version 12.0.0 Release 12)

ETSI TS 133102 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – 3G security – Security architecture (3GPP TS 33.102 version 12.1.0 Release 12)

ETSI TS 133105 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Cryptographic algorithm requirements (3GPP TS 33.105 version 12.0.0 Release 12)

ETSI TS 133106 V 12.4.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception requirements (3GPP TS 33.106 version 12.4.0 Release 12)

ETSI TS 133107 V 11.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 11.5.0 Release 11)

ETSI TS 133107 V 12.8.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 12.8.0 Release 12)

ETSI TS 133108 V 11.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 11.5.0 Release 11)

ETSI TS 133108 V 12.6.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 12.6.0 Release 12)

ETSI TS 133110 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal (3GPP TS 33.110 version 12.0.0 Release 12)

ETSI TS 133141 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Security (3GPP TS 33.141 version 12.0.0 Release 12)

ETSI TS 133187 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements (3GPP TS 33.187 version 12.1.0 Release 12)

ETSI TS 133203 V 12.7.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 12.7.0 Release 12)

ETSI TS 133204 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Network Domain Security (NDS) – Transaction Capabilities Application Part (TCAP) user security (3GPP TS 33.204 version 12.0.0 Release 12)

ETSI TS 133210 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 12.2.0 Release 12)

ETSI TS 133220 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 12.3.0 Release 12)

ETSI TS 133221 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Support for subscriber certificates (3GPP TS 33.221 version 12.0.0 Release 12)

ETSI TS 133222 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 12.3.0 Release 12)

ETSI TS 133223 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 12.0.0 Release 12)

ETSI TS 133224 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) push layer (3GPP TS 33.224 version 12.0.0 Release 12)

ETSI TS 133234 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Wireless Local Area Network (WLAN) interworking security (3GPP TS 33.234 version 12.1.0 Release 12)

ETSI TS 133246 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Security of Multimedia Broadcast/Multicast Service (MBMS) (3GPP TS 33.246 version 12.1.0 Release 12)

ETSI TS 133259 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a UICC hosting device and a remote device (3GPP TS 33.259 version 12.0.0 Release 12)

ETSI TS 133303 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 12.1.0 Release 12)

ETSI TS 133310 V 12.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 12.2.0 Release 12)

ETSI TS 133320 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB) (3GPP TS 33.320 version 12.1.0 Release 12)

ETSI TS 133328 V 12.8.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 12.8.0 Release 12)

ETSI TS 133401 V 12.12.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 12.12.0 Release 12)

ETSI TS 133402 V 12.4.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security aspects of non-3GPP accesses (3GPP TS 33.402 version 12.4.0 Release 12)

ETSI TR 133871 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Study on Security for WebRTC IMS Client access to IMS (3GPP TR 33.871 version 12.0.0 Release 12)

ETSI TR 133905 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommendations for Trusted Open Platforms (3GPP TR 33.905 version 12.0.0 Release 12)

ETSI TR 133919 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Generic Authentication Architecture (GAA) – System description (3GPP TR 33.919 version 12.0.0 Release 12)

ETSI TR 133924 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Identity management and 3GPP security interworking – Identity management and Generic Authentication Architecture (GAA) interworking (3GPP TR 33.924 version 12.0.0 Release 12)

ETSI TR 133937 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) (3GPP TR 33.937 version 12.0.0 Release 12)

ETSI TR 133980 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Liberty Alliance and 3GPP security interworking – Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA) (3GPP TR 33.980 version 12.0.0 Release 12)

ETSI TS 134108 V 11.11.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Common test environments for User Equipment (UE) – Conformance testing (3GPP TS 34.108 version 11.11.0 Release 11)

ETSI TS 134109 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – Terminal logical test interface – Special conformance testing functions (3GPP TS 34.109 version 12.0.0 Release 12)

ETSI TS 134114 V 12.1.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) / Mobile Station (MS) Over The Air (OTA) antenna performance – Conformance testing (3GPP TS 34.114 version 12.1.0 Release 12)

ETSI TS 134121-1 V 11.5.0:2014-10

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 1: Conformance specification (3GPP TS 34.121-1 version 11.5.0 Release 11)

ETSI TS 134121-2 V 11.4.0:2014-09

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Radio transmission and reception (FDD) – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 34.121-2 version 11.4.0 Release 11)

ETSI TS 134122 V 11.9.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Terminal conformance specification – Radio transmission and reception (TDD) (3GPP TS 34.122 version 11.9.0 Release 11)

ETSI TS 134123-2 V 11.4.0:2014-09

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.4.0 Release 11)

ETSI TS 134124 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 12.0.0 Release 12)

ETSI TS 134131 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API) (3GPP TS 34.131 version 12.0.0 Release 12)

ETSI TS 134229-1 V 12.3.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 12.3.0 Release 12)

ETSI TS 134229-2 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 12.2.0 Release 12)

ETSI TS 134229-3 V 10.4.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 10.4.0 Release 10)

ETSI TS 134229-4 V 11.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) – User Equipment (UE) conformance specification – Part 4: Enabler for IP multimedia applications testing (3GPP TS 34.229-4 version 11.0.0 Release 11)

ETSI TR 134926 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Electromagnetic compatibility (EMC) – Table of international requirements for mobile terminals and ancillary equipment (3GPP TR 34.926 version 12.0.0 Release 12)

ETSI TS 135201 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 1: f8 and f9 specification (3GPP TS 35.201 version 12.0.0 Release 12)

ETSI TS 135202 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 2: Kasumi specification (3GPP TS 35.202 version 12.0.0 Release 12)

ETSI TS 135203 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 3: Implementors' test data (3GPP TS 35.203 version 12.0.0 Release 12)

ETSI TS 135204 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 4: Design conformance test data (3GPP TS 35.204 version 12.0.0 Release 12)

ETSI TS 135205 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 1: General (3GPP TS 35.205 version 12.0.0 Release 12)

ETSI TS 135206 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 2: Algorithm specification (3GPP TS 35.206 version 12.0.0 Release 12)

ETSI TS 135207 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 3: Implementors' test data (3GPP TS 35.207 version 12.0.0 Release 12)

ETSI TS 135208 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 4: Design conformance test data (3GPP TS 35.208 version 12.0.0 Release 12)

ETSI TS 135215 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 1: UEA2 and UIA2 specifications (3GPP TS 35.215 version 12.0.0 Release 12)

ETSI TS 135216 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 2: SNOW 3G specification (3GPP TS 35.216 version 12.0.0 Release 12)

ETSI TS 135217 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 3: Implementors' test data (3GPP TS 35.217 version 12.0.0 Release 12)

ETSI TS 135218 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 4: Design conformance test data (3GPP TS 35.218 version 12.0.0 Release 12)

ETSI TS 135221 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 1: EEA3 and EIA3 specifications (3GPP TS 35.221 version 12.0.0 Release 12)

ETSI TS 135222 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 2: ZUC specification (3GPP TS 35.222 version 12.0.0 Release 12)

ETSI TS 135223 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 3: Implementors' test data (3GPP TS 35.223 version 12.0.0 Release 12)

ETSI TS 135231 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 1: Algorithm specification (3GPP TS 35.231 version 12.1.0 Release 12)

ETSI TS 135232 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 2: Implementers' test data (3GPP TS 35.232 version 12.1.0 Release 12)

ETSI TS 135233 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 3: Design conformance test data (3GPP TS 35.233 version 12.1.0 Release 12)

ETSI TR 135909 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5* – Document 5: Summary and results of design and evaluation (3GPP TR 35.909 version 12.0.0 Release 12)

ETSI TR 135919 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 5: Design and evaluation report (3GPP TR 35.919 version 12.0.0 Release 12)

ETSI TR 135924 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 4: Design and Evaluation Report (3GPP TR 35.924 version 12.0.0 Release 12)

ETSI TS 136101 V 8.25.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 8.25.0 Release 8)

ETSI TS 136101 V 9.20.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.20.0 Release 9)

ETSI TS 136104 V 11.10.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.10.0 Release 11)

ETSI TS 136104 V 12.5.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 12.5.0 Release 12)

ETSI TS 136106 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater radio transmission and reception (3GPP TS 36.106 version 12.0.0 Release 12)

ETSI TS 136111 V 11.4.0:2014-10

LTE – Location Measurement Unit (LMU) performance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN)
(3GPP TS 36.111 version 11.4.0 Release 11)

ETSI TS 136111 V 12.0.0:2014-10

LTE – Location Measurement Unit (LMU) performance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN)
(3GPP TS 36.111 version 12.0.0 Release 12)

ETSI TS 136113 V 12.2.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 12.2.0 Release 12)

ETSI TS 136116 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay radio transmission and reception
(3GPP TS 36.116 version 12.0.0 Release 12)

ETSI TS 136117 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Relay conformance testing (3GPP TS 36.117 version 12.0.0 Release 12)

ETSI TS 136124 V 12.1.0 : 2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 12.1.0 Release 12)

ETSI TS 136133 V 9.21.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 9.21.0 Release 9)

ETSI TS 136141 V 11.10.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing
(3GPP TS 36.141 version 11.10.0 Release 11)

ETSI TS 136141 V 12.5.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing
(3GPP TS 36.141 version 12.5.0 Release 12)

ETSI TS 136143 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD repeater conformance testing
(3GPP TS 36.143 version 12.0.0 Release 12)

ETSI TS 136171 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 12.0.0 Release 12)

ETSI TS 136201 V 12.0.0 : 2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE physical layer – General description (3GPP TS 36.201 version 12.0.0 Release 12)

ETSI TS 136211 V 11.6.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation
(3GPP TS 36.211 version 11.6.0 Release 11)

ETSI TS 136211 V 12.3.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical channels and modulation
(3GPP TS 36.211 version 12.3.0 Release 12)

ETSI TS 136212 V 11.5.1:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding
(3GPP TS 36.212 version 11.5.1 Release 11)

ETSI TS 136212 V 12.2.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Multiplexing and channel coding
(3GPP TS 36.212 version 12.2.0 Release 12)

ETSI TS 136213 V 11.8.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures
(3GPP TS 36.213 version 11.8.0 Release 11)

ETSI TS 136213 V 12.3.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures
(3GPP TS 36.213 version 12.3.0 Release 12)

ETSI TS 136214 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer – Measurements
(3GPP TS 36.214 version 12.0.0 Release 12)

ETSI TS 136216 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer for relaying operation (3GPP TS 36.216 version 12.0.0 Release 12)

ETSI TS 136300 V 11.11.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 11.11.0 Release 11)

ETSI TS 136300 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Overall description – Stage 2 (3GPP TS 36.300 version 12.3.0 Release 12)

ETSI TS 136302 V 12.1.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Services provided by the physical layer
(3GPP TS 36.302 version 12.1.0 Release 12)

ETSI TS 136304 V 12.2.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 12.2.0 Release 12)

ETSI TS 136305 V 12.1.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 12.1.0 Release 12)

ETSI TS 136306 V 11.8.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 11.8.0 Release 11)

ETSI TS 136306 V 12.2.0:2014-09

24 Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 12.2.0 Release 12)

ETSI TS 136307 V 8.12.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.12.0 Release 8)

ETSI TS 136307 V 9.13.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.13.0 Release 9)

ETSI TS 136307 V 10.12.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.12.0 Release 10)

ETSI TS 136307 V 11.9.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 11.9.0 Release 11)

ETSI TS 136307 V 12.5.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 12.5.0 Release 12)

ETSI TS 136314 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Layer 2 – Measurements (3GPP TS 36.314 version 12.0.0 Release 12)

ETSI TS 136321 V 12.3.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 12.3.0 Release 12)

ETSI TS 136322 V 12.1.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 12.1.0 Release 12)

ETSI TS 136323 V 11.4.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 11.4.0 Release 11)

ETSI TS 136323 V 12.1.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 12.1.0 Release 12)

ETSI TS 136331 V 10.14.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 10.14.0 Release 10)

ETSI TS 136331 V 11.9.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 11.9.0 Release 11)

ETSI TS 136331 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 12.3.0 Release 12)

ETSI TS 136355 V 12.2.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 12.2.0 Release 12)

ETSI TS 136401 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Architecture description (3GPP TS 36.401 version 12.0.0 Release 12)

ETSI TS 136410 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 general aspects and principles (3GPP TS 36.410 version 12.0.0 Release 12)

ETSI TS 136411 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 layer 1 (3GPP TS 36.411 version 12.0.0 Release 12)

ETSI TS 136412 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 signalling transport (3GPP TS 36.412 version 12.0.0 Release 12)

ETSI TS 136413 V 9.10.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 9.10.0 Release 9)

ETSI TS 136413 V 10.9.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 10.9.0 Release 10)

ETSI TS 136413 V 11.8.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 11.8.0 Release 11)

ETSI TS 136413 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 12.3.0 Release 12)

ETSI TS 136414 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 data transport (3GPP TS 36.414 version 12.0.0 Release 12)

ETSI TS 136420 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 general aspects and principles (3GPP TS 36.420 version 12.0.0 Release 12)

ETSI TS 136421 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 layer 1 (3GPP TS 36.421 version 12.0.0 Release 12)

ETSI TS 136422 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 signalling transport (3GPP TS 36.422 version 12.0.0 Release 12)

ETSI TS 136423 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 12.3.0 Release 12)

ETSI TS 136424 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 data transport (3GPP TS 36.424 version 12.0.0 Release 12)

ETSI TS 136440 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 12.0.0 Release 12)

ETSI TS 136441 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN
(3GPP TS 36.441 version 12.0.0 Release 12)

ETSI TS 136442 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN
(3GPP TS 36.442 version 12.0.0 Release 12)

ETSI TS 136443 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M2 Application Protocol (M2AP) (3GPP TS 36.443 version 12.0.0 Release 12)

ETSI TS 136444 V 12.1.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M3 Application Protocol (M3AP) (3GPP TS 36.444 version 12.1.0 Release 12)

ETSI TS 136445 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – M1 data transport
(3GPP TS 36.445 version 12.0.0 Release 12)

ETSI TS 136455 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – LTE Positioning Protocol A (LPPA)
(3GPP TS 36.455 version 12.0.0 Release 12)

ETSI TS 136456 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface general aspects and principles
(3GPP TS 36.456 version 12.0.0 Release 12)

ETSI TS 136457 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface layer 1 (3GPP TS 36.457 version 12.0.0 Release 12)

ETSI TS 136458 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface signalling transport (3GPP TS 36.458 version 12.0.0 Release 12)

ETSI TS 136459 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – SLm interface Application Protocol (SLmAP) (3GPP TS 36.459 version 12.0.0 Release 12)

ETSI TS 136509 V 10.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 10.3.0 Release 10)

ETSI TS 136521-2 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 12.3.0 Release 12)

ETSI TS 136521-3 V 12.3.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 12.3.0 Release 12)

ETSI TS 136523-2 V 12.2.1:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 12.2.1 Release 12)

ETSI TS 136523-2 V 12.2.2:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 12.2.2 Release 12)

ETSI TS 136523-2 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 12.3.0 Release 12)

ETSI TR 136903 V 12.3.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 12.3.0 Release 12)

ETSI TR 136912 V 12.0.0:2014-09

LTE – Feasibility study for Further Advancements for E-UTRA (LTE-Advanced) (3GPP TR 36.912 version 12.0.0 Release 12)

ETSI TR 136913 V 12.0.0:2014-10

LTE – Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced) (3GPP TR 36.913 version 12.0.0 Release 12)

ETSI TR 136921 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.921 version 12.0.0 Release 12)

ETSI TR 136922 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.922 version 12.0.0 Release 12)

ETSI TR 136927 V 12.0.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Potential solutions for energy saving for E-UTRAN (3GPP TR 36.927 version 12.0.0 Release 12)

ETSI TR 136931 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 12.0.0 Release 12)

ETSI TR 136932 V 12.1.0:2014-10

LTE – Scenarios and requirements for small cell enhancements for E-UTRA and E-UTRAN (3GPP TR 36.932 version 12.1.0 Release 12)

ETSI TR 136942 V 12.0.0:2014-10

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 12.0.0 Release 12)

ETSI TS 137104 V 11.10.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 11.10.0 Release 11)

ETSI TS 137104 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 12.5.0 Release 12)

ETSI TS 137113 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 12.2.0 Release 12)

ETSI TS 137141 V 11.10.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 11.10.0 Release 11)

ETSI TS 137141 V 12.5.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – E-UTRA, UTRA and GSM/EDGE – Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 12.5.0 Release 12)

ETSI TS 137320 V 11.4.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 11.4.0 Release 11)

ETSI TS 137320 V 12.2.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio measurement collection for Minimization of Drive Tests (MDT) – Overall description – Stage 2 (3GPP TS 37.320 version 12.2.0 Release 12)

ETSI TS 137571-1 V 11.2.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 11.2.0 Release 11)

ETSI TS 137571-1 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 1: Conformance test specification (3GPP TS 37.571-1 version 12.0.0 Release 12)

ETSI TS 137571-2 V 10.8.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 2: Protocol conformance (3GPP TS 37.571-2 version 10.8.0 Release 10)

ETSI TS 137571-3 V 11.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 11.0.0 Release 11)

ETSI TS 137571-3 V 12.0.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 12.0.0 Release 12)

ETSI TS 137571-4 V 10.7.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 4: Test suites (3GPP TS 37.571-4 version 10.7.0 Release 10)

ETSI TS 137571-5 V 10.9.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification for UE positioning – Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 10.9.0 Release 10)

ETSI TR 137900 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Universal Mobile Telecommunications System (UMTS) – LTE – Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) (3GPP TR 37.900 version 12.0.0 Release 12)

ETSI TR 137901 V 11.12.0:2014-09

Universal Mobile Telecommunications System (UMTS) – LTE – User Equipment (UE) application layer data throughput performance (3GPP TR 37.901 version 11.12.0 Release 11)

ETSI TR 137902 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Measurements of User Equipment (UE) radio performances for LTE/UMTS terminals – Total Radiated Power (TRP) and Total Radiated Sensitivity (TRS) test methodology (3GPP TR 37.902 version 12.0.0 Release 12)

ETSI TR 137976 V 12.0.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Measurement of radiated performance for Multiple Input Multiple Output (MIMO) and multi-antenna reception for High Speed Packet Access (HSPA) and LTE terminals (3GPP TR 37.976 version 12.0.0 Release 12)

ETSI TR 137977 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – LTE – Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA) – Verification of radiated multi-antenna reception performance of User Equipment (UE) (3GPP TR 37.977 version 12.1.0 Release 12)

ETSI TR 141031 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Fraud Information Gathering System (FIGS) – Service requirements – Stage 0 (3GPP TR 41.031 version 12.0.0 Release 12)

ETSI TR 141033 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Lawful Interception requirements for GSM (3GPP TR 41.033 version 12.0.0 Release 12)

ETSI TS 142033 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Lawful Interception – Stage 1 (3GPP TS 42.033 version 12.0.0 Release 12)

ETSI TS 142043 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Support of Localised Service Area (SoLSA) – Service description – Stage 1 (3GPP TS 42.043 version 12.0.0 Release 12)

ETSI TS 142056 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – Service description – Stage 1 (3GPP TS 42.056 version 12.0.0 Release 12)

ETSI TS 142068 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Voice Group Call Service (VGCS) – Stage 1 (3GPP TS 42.068 version 12.0.0 Release 12)

ETSI TS 142069 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Voice Broadcast Service (VBS) – Stage 1 (3GPP TS 42.069 version 12.0.0 Release 12)

ETSI TS 143005 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Technical performance objectives (3GPP TS 43.005 version 12.0.0 Release 12)

ETSI TS 143010 V 8.0.1:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 8.0.1 Release 8)

ETSI TS 143010 V 9.0.1:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 9.0.1 Release 9)

ETSI TS 143010 V 10.0.2:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 10.0.2 Release 10)

ETSI TS 143010 V 11.0.1:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 11.0.1 Release 11)

ETSI TS 143010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 12.0.0 Release 12)

ETSI TS 143013 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Discontinuous Reception (DRX) in the GSM system (3GPP TS 43.013 version 12.0.0 Release 12)

ETSI TS 143020 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Security related network functions (3GPP TS 43.020 version 12.1.0 Release 12)

ETSI TS 143022 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Functions related to Mobile Station (MS) in idle mode and group receive mode (3GPP TS 43.022 version 12.0.0 Release 12)

ETSI TR 143026 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Multiband operation of GSM / DCS 1800 by a single operator (3GPP TR 43.026 version 12.0.0 Release 12)

ETSI TR 143030 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Radio network planning aspects (3GPP TR 43.030 version 12.0.0 Release 12)

ETSI TS 143033 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G security – Lawful Interception – Stage 2 (3GPP TS 43.033 version 12.0.0 Release 12)

ETSI TS 143045 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Technical realization of facsimile group 3 transparent (3GPP TS 43.045 version 12.0.0 Release 12)

ETSI TS 143050 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (3GPP TS 43.050 version 12.0.0 Release 12)

ETSI TS 143051 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Overall description – Stage 2 (3GPP TS 43.051 version 12.0.0 Release 12)

ETSI TS 143052 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – Lower Layers of the CTS Radio Interface, Stage 2 (3GPP TS 43.052 version 12.0.0 Release 12)

ETSI TS 143055 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Dual Transfer Mode (DTM) – Stage 2 (3GPP TS 43.055 version 12.0.0 Release 12)

ETSI TR 143058 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) (3GPP TR 43.058 version 12.0.0 Release 12)

ETSI TS 143059 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 12.0.0 Release 12)

ETSI TS 143064 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Overall description of the GPRS radio interface – Stage 2 (3GPP TS 43.064 version 12.2.0 Release 12)

ETSI TS 143068 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Voice Group Call Service (VGCS) – Stage 2 (3GPP TS 43.068 version 12.0.0 Release 12)

ETSI TS 143069 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Voice Broadcast Service (VBS) – Stage 2 (3GPP TS 43.069 version 12.0.0 Release 12)

ETSI TS 143073 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Support of Localised Service Area (SoLSA) – Stage 2 (3GPP TS 43.073 version 12.0.0 Release 12)

ETSI TS 143129 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Packet-switched handover for GERAN A/Gb mode – Stage 2 (3GPP TS 43.129 version 12.0.0 Release 12)

ETSI TS 143130 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Iur-g interface – Stage 2 (3GPP TS 43.130 version 12.0.0 Release 12)

ETSI TS 143246 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Multimedia Broadcast/Multicast Service (MBMS) in the GERAN – Stage 2 (3GPP TS 43.246 version 12.0.0 Release 12)

ETSI TS 143318 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Generic Access Network (GAN) – Stage 2
(3GPP TS 43.318 version 12.0.0 Release 12)

ETSI TR 143901 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Feasibility Study on generic access to A/Gb
interface (3GPP TR 43.901 version 12.0.0 Release 12)

ETSI TR 143902 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Enhanced Generic Access Networks (EGAN)
study (3GPP TR 43.902 version 12.0.0 Release 12)

ETSI TR 143903 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – A-interface over IP study (AINTIP)
(3GPP TR 43.903 version 12.0.0 Release 12)

ETSI TS 144001 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Mobile Station – Base Station System (MS –
BSS) interface – General aspects and principles (3GPP TS 44.001 version 12.0.0 Release 12)

ETSI TS 144003 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Station – Base Station System (MS –
BSS) Interface Channel Structures and Access Capabilities (3GPP TS 44.003 version 12.0.0
Release 12)

ETSI TS 144004 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Layer 1 – General Requirements
(3GPP TS 44.004 version 12.0.0 Release 12)

ETSI TS 144005 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Data Link (DL) Layer – General aspects
(3GPP TS 44.005 version 12.0.0 Release 12)

ETSI TS 144006 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Station – Base Station System (MS –
BSS) interface – Data Link (DL) layer specification (3GPP TS 44.006 version 12.0.0 Release 12)

ETSI TS 144012 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Short Message Service Cell Broadcast
(SMSCB) support on the mobile radio interface (3GPP TS 44.012 version 12.0.0 Release 12)

ETSI TS 144013 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Performance requirements on the mobile
radio interface (3GPP TS 44.013 version 12.0.0 Release 12)

ETSI TS 144014 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Individual equipment type requirements and
interworking – Special conformance testing functions (3GPP TS 44.014 version 12.0.0 Release 12)

ETSI TS 144018 V 12.3.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification –
Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 12.3.0 Release 12)

ETSI TS 144021 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Rate adaption on the Mobile Station – Base
Station System (MS – BSS) interface (3GPP TS 44.021 version 12.0.0 Release 12)

ETSI TS 144031 V 12.1.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Mobile Station (MS) – Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) (3GPP TS 44.031 version 12.1.0 Release 12)

ETSI TS 144035 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods (3GPP TS 44.035 version 12.0.0 Release 12)

ETSI TS 144056 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS radio interface layer 3 specification (3GPP TS 44.056 version 12.0.0 Release 12)

ETSI TS 144057 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS supervising system layer 3 specification (3GPP TS 44.057 version 12.0.0 Release 12)

ETSI TS 144060 V 12.2.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 12.2.0 Release 12)

ETSI TS 144064 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Mobile Station – Serving GPRS Support Node (MS-SGSN) – Logical Link Control (LLC) Layer Specification (3GPP TS 44.064 version 12.0.0 Release 12)

ETSI TS 144065 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) – Serving GPRS Support Node (SGSN) – Subnetwork Dependent Convergence Protocol (SNDCP) (3GPP TS 44.065 version 12.0.0 Release 12)

ETSI TS 144068 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Group Call Control (GCC) protocol (3GPP TS 44.068 version 12.0.0 Release 12)

ETSI TS 144069 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Broadcast Call Control (BCC) protocol (3GPP TS 44.069 version 12.0.0 Release 12)

ETSI TS 144071 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Mobile radio interface layer 3 LCS specification (3GPP TS 44.071 version 12.0.0 Release 12)

ETSI TS 144118 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile radio interface layer 3 specification – Radio Resource Control (RRC) protocol – Iu mode (3GPP TS 44.118 version 12.0.0 Release 12)

ETSI TS 144160 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Mobile Station (MS) – Base Station System (BSS) interface – Radio Link Control / Medium Access Control (RLC/MAC) protocol Iu mode (3GPP TS 44.160 version 12.0.0 Release 12)

ETSI TS 144318 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Generic Access Network (GAN) – Mobile GAN interface layer 3 specification (3GPP TS 44.318 version 12.0.0 Release 12)

ETSI TR 144901 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – External Network Assisted Cell Change (NACC) (3GPP TR 44.901 version 12.0.0 Release 12)

ETSI TS 145001 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Physical layer on the radio path – General description (3GPP TS 45.001 version 12.0.0 Release 12)

ETSI TS 145002 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 12.2.0 Release 12)

ETSI TS 145003 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Channel coding (3GPP TS 45.003 version 12.1.0 Release 12)

ETSI TS 145004 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Modulation (3GPP TS 45.004 version 12.0.0 Release 12)

ETSI TS 145005 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Radio transmission and reception (3GPP TS 45.005 version 12.3.0 Release 12)

ETSI TS 145008 V 12.3.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Radio subsystem link control (3GPP TS 45.008 version 12.3.0 Release 12)

ETSI TS 145009 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Link adaptation (3GPP TS 45.009 version 12.0.0 Release 12)

ETSI TS 145010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Radio subsystem synchronization (3GPP TS 45.010 version 12.0.0 Release 12)

ETSI TS 145015 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Release independent Downlink Advanced Receiver Performance (DARP) – Implementation guidelines (3GPP TS 45.015 version 12.0.0 Release 12)

ETSI TS 145022 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Radio link management in hierarchical networks (3GPP TS 45.022 version 12.0.0 Release 12)

ETSI TR 145050 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 12.0.0 Release 12)

ETSI TS 145056 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – GSM Cordless Telephony System (CTS), Phase 1 – CTS-FP Radio subsystem (3GPP TS 45.056 version 12.0.0 Release 12)

ETSI TR 145902 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Flexible Layer One (FLO) (3GPP TR 45.902 version 12.0.0 Release 12)

ETSI TR 145903 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks (3GPP TR 45.903 version 12.0.0 Release 12)

ETSI TR 145912 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Feasibility study for evolved GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.912 version 12.0.0 Release 12)

ETSI TR 145913 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Optimized transmit pulse shape for downlink Enhanced General Packet Radio Service (EGPRS2-B) (3GPP TR 45.913 version 12.0.0 Release 12)

ETSI TR 145914 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.914 version 12.0.0 Release 12)

ETSI TS 146001 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Processing functions (3GPP TS 46.001 version 12.0.0 Release 12)

ETSI TS 146002 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Half rate speech processing functions (3GPP TS 46.002 version 12.0.0 Release 12)

ETSI TS 146006 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – ANSI-C code for the GSM half rate speech codec (3GPP TS 46.006 version 12.0.0 Release 12)

ETSI TS 146007 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Test sequences for the GSM half rate speech codec (3GPP TS 46.007 version 12.0.0 Release 12)

ETSI TS 146008 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half Rate Speech – Performance Characterization of the GSM Half Rate speech codec (3GPP TS 46.008 version 12.0.0 Release 12)

ETSI TS 146010 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Transcoding (3GPP TS 46.010 version 12.0.0 Release 12)

ETSI TS 146011 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Substitution and muting of lost frames for full rate speech channels (3GPP TS 46.011 version 12.0.0 Release 12)

ETSI TS 146012 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Comfort noise aspect for full rate speech traffic channels (3GPP TS 46.012 version 12.0.0 Release 12)

ETSI TS 146020 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Half rate speech transcoding (3GPP TS 46.020 version 12.0.0 Release 12)

ETSI TS 146021 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Substitution and muting of lost frames for half rate speech traffic channels (3GPP TS 46.021 version 12.0.0 Release 12)

ETSI TS 146022 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Comfort noise aspects for the half rate speech traffic channels (3GPP TS 46.022 version 12.0.0 Release 12)

ETSI TS 146031 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Discontinuous Transmission (DTX) for full rate speech traffic channels (3GPP TS 46.031 version 12.0.0 Release 12)

ETSI TS 146032 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Full rate speech – Voice Activity Detector (VAD) for full rate speech traffic channels (3GPP TS 46.032 version 12.0.0 Release 12)

ETSI TS 146041 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Discontinuous Transmission (DTX) for half rate speech traffic channels (3GPP TS 46.041 version 12.0.0 Release 12)

ETSI TS 146042 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Half rate speech – Voice Activity Detector (VAD) for half rate speech traffic channels (3GPP TS 46.042 version 12.0.0 Release 12)

ETSI TS 146051 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Enhanced Full Rate (EFR) speech processing functions – General description (3GPP TS 46.051 version 12.0.0 Release 12)

ETSI TS 146053 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.053 version 12.0.0 Release 12)

ETSI TS 146054 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Test sequences for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.054 version 12.0.0 Release 12)

ETSI TR 146055 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec (3GPP TR 46.055 version 12.0.0 Release 12)

ETSI TS 146060 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Enhanced Full Rate (EFR) speech transcoding (3GPP TS 46.060 version 12.0.0 Release 12)

ETSI TS 146061 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.061 version 12.0.0 Release 12)

ETSI TS 146062 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.062 version 12.0.0 Release 12)

ETSI TR 146076 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Adaptive Multi-Rate (AMR) speech codec – Study phase report (3GPP TR 46.076 version 12.0.0 Release 12)

ETSI TS 146081 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.081 version 12.0.0 Release 12)

ETSI TS 146082 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.082 version 12.0.0 Release 12)

ETSI TR 146085 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation (3GPP TR 46.085 version 12.0.0 Release 12)

ETSI TS 148001 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – General aspects (3GPP TS 48.001 version 12.0.0 Release 12)

ETSI TS 148002 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Interface principles (3GPP TS 48.002 version 12.0.0 Release 12)

ETSI TS 148004 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station System – Mobile-services Switching Centre (BSS – MSC) interface – Layer 1 specification (3GPP TS 48.004 version 12.0.0 Release 12)

ETSI TS 148006 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Signalling transport mechanism Specification for the Base Station System – Mobile Services Switching Centre (BSS – MSC) interface (3GPP TS 48.006 version 12.0.0 Release 12)

ETSI TS 148008 V 10.9.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 10.9.0 Release 10)

ETSI TS 148008 V 11.8.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 11.8.0 Release 11)

ETSI TS 148008 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Switching Centre – Base Station system (MSC-BSS) interface – Layer 3 specification (3GPP TS 48.008 version 12.0.0 Release 12)

ETSI TS 148014 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Gb interface Layer 1 (3GPP TS 48.014 version 12.0.0 Release 12)

ETSI TS 148016 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) interface – Network service (3GPP TS 48.016 version 12.0.0 Release 12)

ETSI TS 148018 V 10.11.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 10.11.0 Release 10)

ETSI TS 148018 V 11.7.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 11.7.0 Release 11)

ETSI TS 148018 V 12.3.0:2014-09

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Base Station System (BSS) – Serving GPRS Support Node (SGSN) – BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 12.3.0 Release 12)

ETSI TS 148020 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Rate adaption on the Base Station System – Mobile-services Switching Centre (BSS – MSC) interface (3GPP TS 48.020 version 12.0.0 Release 12)

ETSI TS 148031 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Serving Mobile Location Centre (SMLC – SMLC) – SMLCPP specification (3GPP TS 48.031 version 12.0.0 Release 12)

ETSI TS 148049 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Cell Broadcast Centre (BSC-CBC) interface specification – Cell Broadcast Service Protocol (CBSP) (3GPP TS 48.049 version 12.0.0 Release 12)

ETSI TS 148051 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – General aspects (3GPP TS 48.051 version 12.0.0 Release 12)

ETSI TS 148052 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Interface principles (3GPP TS 48.052 version 12.0.0 Release 12)

ETSI TS 148054 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 1 structure of physical circuits (3GPP TS 48.054 version 12.0.0 Release 12)

ETSI TS 148056 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) interface – Layer 2 specification (3GPP TS 48.056 version 12.0.0 Release 12)

ETSI TS 148058 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station Controller – Base Transceiver Station (BSC – BTS) Interface – Layer 3 specification (3GPP TS 48.058 version 12.0.0 Release 12)

ETSI TS 148060 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – In-band control of remote transcoders and rate adaptors for full rate traffic channels (3GPP TS 48.060 version 12.0.0 Release 12)

ETSI TS 148061 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 48.061 version 12.0.0 Release 12)

ETSI TS 148071 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Serving Mobile Location Centre – Base Station System (SMLC-BSS) interface – Layer 3 specification (3GPP TS 48.071 version 12.0.0 Release 12)

ETSI TS 148103 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Base Station System – Media GateWay (BSS-MGW) interface – User plane transport mechanism (3GPP TS 48.103 version 12.0.0 Release 12)

ETSI TS 149008 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Application of the Base Station System Application Part (BSSAP) on the E interface (3GPP TS 49.008 version 12.0.0 Release 12)

ETSI TS 149031 V 12.0.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Location Services (LCS) – Base Station System Application Part LCS Extension (BSSAP-LE) (3GPP TS 49.031 version 12.0.0 Release 12)

ETSI TR 149995 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – General Packet Radio Service (GPRS) – Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles (3GPP TR 49.995 version 12.0.0 Release 12)

ETSI TS 151010-2 V 12.2.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 12.2.0 Release 12)

ETSI TS 151010-4 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification (3GPP TS 51.010-4 version 12.1.0 Release 12)

ETSI TS 151010-5 V 10.10.0:2014-09

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 10.10.0 Release 10)

ETSI TS 151010-7 V 12.1.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 7: Location Services (LCS) test scenarios and assistance data (3GPP TS 51.010-7 version 12.1.0 Release 12)

ETSI TS 151021 V 12.2.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Radio aspects (3GPP TS 51.021 version 12.2.0 Release 12)

ETSI TS 151026 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Base Station System (BSS) equipment specification – Part 4: Repeaters (3GPP TS 51.026 version 12.0.0 Release 12)

ETSI TS 152008 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Telecommunication management – GSM subscriber and equipment trace (3GPP TS 52.008 version 12.0.0 Release 12)

ETSI TS 152021 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Network Management (NM) procedures and messages on the A-bis interface (3GPP TS 52.021 version 12.0.0 Release 12)

ETSI TS 152402 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Telecommunication management – Performance Management (PM) – Performance measurements – GSM (3GPP TS 52.402 version 12.0.0 Release 12)

ETSI TS 155205 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8 (3GPP TS 55.205 version 12.0.0 Release 12)

ETSI TS 155216 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 1: A5/3 and GEA3 specifications (3GPP TS 55.216 version 12.0.0 Release 12)

ETSI TS 155217 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 2: Implementors' test data (3GPP TS 55.217 version 12.0.0 Release 12)

ETSI TS 155218 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 3: Design conformance test data (3GPP TS 55.218 version 12.0.0 Release 12)

ETSI TS 155226 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/4 Encryption Algorithms for GSM and ECSD, and the GEA4 Encryption Algorithm for GPRS (3GPP TS 55.226 version 12.0.0 Release 12)

ETSI TS 155236 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – Specification of A8 V MILENAGE Algorithm: An example algorithm for the key generation function A8 V (3GPP TS 55.236 version 12.0.0 Release 12)

ETSI TR 155919 V 12.0.0:2014-10

Digital cellular telecommunications system (Phase 2+) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 4: Design and evaluation report (3GPP TR 55.919 version 12.0.0 Release 12)

ETSI GS ORI 001 V 4.1.1:2014-10

Open Radio equipment Interface (ORI) – Requirements for Open Radio equipment Interface (ORI) (Release 4)

ETSI GS ORI 002-1 V 4.1.1:2014-10

Open Radio equipment Interface (ORI) – ORI interface Specification – Part 1: Low Layers (Release 4)

ETSI GS ORI 002-2 V 4.1.1:2014-10

Open Radio equipment Interface (ORI) – ORI Interface Specification – Part 2: Control and Management (Release 4)

ETSI TS 126445 V 12.0.0:2014-11

Universal Mobile Telecommunications System (UMTS) – LTE – EVS Codec Detailed Algorithmic Description (3GPP TS 26.445 version 12.0.0 Release 12)

ETSI TS 134123-1 V 11.4.0:2014-11

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 11.4.0 Release 11)

ETSI TS 134123-3 V 11.4.0:2014-11

Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) conformance specification – Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 11.4.0 Release 11)

ETSI TS 136101 V 10.16.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.16.0 Release 10)

ETSI TS 136101 V 11.10.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.10.0 Release 11)

ETSI TS 136101 V 12.5.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.5.0 Release 12)

ETSI TS 136133 V 10.16.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 10.16.0 Release 10)

ETSI TS 136133 V 11.10.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 11.10.0 Release 11)

ETSI TS 136133 V 12.5.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 12.5.0 Release 12)

ETSI TS 136508 V 12.3.1:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – Common test environments for User Equipment (UE) conformance testing
(3GPP TS 36.508 version 12.3.1 Release 12)

ETSI TS 136521-1 V 12.3.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) conformance specification – Radio transmission and reception – Part 1: Conformance testing
(3GPP TS 36.521-1 version 12.3.0 Release 12)

ETSI TS 136523-1 V 12.3.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 1: Protocol conformance specification
(3GPP TS 36.523-1 version 12.3.0 Release 12)

ETSI TS 136523-3 V 11.5.0:2014-11

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC) – User Equipment (UE) conformance specification – Part 3: Test suites (3GPP TS 36.523-3 version 11.5.0 Release 11)

ETSI TS 151010-1 V 12.2.0:2014-11

Digital cellular telecommunications system (Phase 2+) – Mobile Station (MS) conformance specification – Part 1: Conformance specification (3GPP TS 51.010-1 version 12.2.0 Release 12)

33.070.99 Ostale pokretne službe

Europska normizacija

ETSI

ETSI TS 125327 V 12.1.0:2014-10

Universal Mobile Telecommunications System (UMTS) – High Speed Packet Access (HSPA) – Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration (3GPP TS 25.327 version 12.1.0 Release 12)

ETSI TS 136112 V 12.0.0:2014-10

LTE – Location Measurement Unit (LMU) conformance specification – Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN)
(3GPP TS 36.112 version 12.0.0 Release 12)

ETSI TR 136904 V 11.1.0:2014-09

LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 11.1.0 Release 11)

33.100.01 Elektromagnetska kompatibilnost općenito

Europska normizacija
CENELEC

CLC/TR 50083-2-2:2014-10

Cable networks for television signals, sound signals and interactive services – Part 2-2: Interference issues for DVB-T reception in the presence of LTE base station signals

33.100.10 Zračenje

Europska normizacija
CENELEC

EN 302561 V 1.3.2:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Land Mobile Service – Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz – Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

EN 303098-2 V 1.2.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Maritime low power personal locating devices employing AIS – Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

ETSI

ETSI TR 103111 V 1.1.1:2014-10

Electromagnetic compatibility and Radio spectrum Matters (ERM) – System Reference document (SRdoc) – Spectrum requirements for Urban Rail Systems in the 5,9 GHz range

ETSI TR 103245 V 1.1.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – System Reference document (SRdoc) – Technical characteristics and spectrum requirements of wideband SRDs with advanced spectrum sharing capability for operation in the UHF 870 – 876 MHz and 915 – 921 MHz frequency bands

33.100.20 Otpornost

Međunarodna normizacija
IEC

IEC 61000-6-7:2014-10

Electromagnetic compatibility (EMC) – Part 6-7: Generic standards – Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations

IEC 61000-4-36:2014-11

Electromagnetic compatibility (EMC) – Part 4-36: Testing and measurement techniques – IEMI immunity test methods for equipment and systems

33.120.10 Suosni kabeli. Valovodi

Europska normizacija CENELEC

EN 61196-10-1:2014-11

Coaxial communication cables – Part 10-1: Blank detail specification for semi-rigid cables with polytetrafluoroethylene (PTFE) dielectric (IEC 61196-10-1:2014)

Međunarodna normizacija IEC

IEC 61196-1-200:2014-11

Coaxial Communication Cables – Part 1-200: Environmental test methods – General requirements

IEC/TR 62839-1:2014-11

Environmental declaration – Part 1: Wires, cables and accessory products – Specific rules

33.120.30 RF konektori

Europska normizacija CENELEC

EN 61169-49:2014-11

Radio-frequency connectors – Part 49: Sectional specification for SMAA series R.F connectors (IEC 61169-49:2014)

Međunarodna normizacija IEC

IEC 61169-48:2014-10

Radio-frequency connectors – Part 48: Sectional specification for series BMP R.F. coaxial connectors

IEC 61169-50:2014-10

Radio-frequency connectors – Part 50: Sectional specifications RF coaxial connectors with inner diameter of outer conductors 4,11 mm with quick lock system – Characteristics impedance 50 Ohm (type QMA)

33.160.01 Audiosustavi, videosustavi i audiovizualni sustavi općenito

Europska normizacija CENELEC

EN 61883-6

Consumer audio/video equipment – Digital interface – Part 6: Audio and music data transmission protocol (IEC 61883-6:2014)

EN 62379-5-1:2014-10

Common control interface for networked digital audio and video products – Part 5-1: Transmission over networks – General (IEC 62379-5-1:2014)

Međunarodna normizacija IEC

IEC/TR 62907:2014-10

Use cases related to Ambient Assisted Living (AAL) in the field of audio, video and multimedia systems and equipment

33.170 Televizijski i radijski prijenos

Europska normizacija CENELEC

EN 302307-1 V 1.4.1:2014-11

Digital Video Broadcasting (DVB) – Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications – Part 1: DVB-S2

ETSI

ETSI TS 103287 V 1.1.1:2014-09

Digital Video Broadcasting (DVB) – Modulator Interface (C2-MI) for a second generation digital transmission system for cable systems (DVB-C2)

ETSI GS ECI 001-1 V 1.1.1:2014-09

Embedded Common Interface (ECI) for exchangeable CA/DRM solutions – Part 1: Architecture, Definitions and Overview

ETSI GS ECI 001-2 V 1.1.1:2014-09

Embedded Common Interface (ECI) for exchangeable CA/DRM solutions – Part 2: Use cases and requirements

ETSI TS 102668 V 1.1.2:2014-11

Digital Radio Mondiale (DRM) – DRM-TMC (Traffic Message Channel)

33.180.10 Svjetlovodna vlakna i kabeli

Europska normizacija CENELEC

EN 60793-1-20:2014-11

Optical fibres – Part 1-20: Measurement methods and test procedures – Fibre geometry (IEC 60793-1-20:2014)

Međunarodna normizacija IEC

IEC 60793-1-20:2014-10

Optical fibres – Part 1-20: Measurement methods and test procedures – Fibre geometry

IEC 60794-4-10:2014-10

Optical fibre cables – Part 4-10: Family Specification – OPGW (Optical Ground Wires) along electrical power lines

IEC 60794-5:2014-10

Optical fibre cables – Part 5: Sectional specification – Microduct cabling for installation by blowing

33.180.20 Svjetlovodne vezne naprave

Europska normizacija CENELEC

EN 60876-1:2014-10

Fibre optic interconnecting devices and passive components – Fibre optic spatial switches – Part 1: Generic specification (IEC 60876-1:2014)

EN 61753-031-2

Lichtwellenleiter – Verbindungselemente und passive Bauteile – Betriebsverhalten – Teil 031-2: Nicht steckbare wellenlängenunabhängige Einmoden-1xN – und 2xN-Verzweiger für die Kategorie C – Kontrollierte Umgebung (IEC 61753-031-2:2014)

EN 61753-042-2:2014-10

Fibre optic interconnecting devices and passive components – Performance standard – Part 042-2: Plug-pigtail-style and plug-receptacle-style OTDR reflecting devices for category C – Controlled environments (IEC 61753-042-2:2014)

EN 61754-7-1

Lichtwellenleiter – Verbindungselemente und passive Bauteile – Steckgesichter von Lichtwellenleiter-Steckverbindern – Teil 7-1: Steckverbinderfamilie der Bauart MPO – Eine Faserreihe (IEC 61754-7-1:2014)

EN 61300-3-51:2014-11

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-51: Examinations and measurements – Pin gauge withdrawal force for rectangular ferrule multi-fibre connectors (IEC 61300-3-51:2014)

EN 61753-031-6:2014-10

Fibre optic interconnecting devices and passive components – Performance standard – Part 031-6: Non-connectorized single-mode 1xN and 2xN non-wavelengthselective branching devices for Category O – Uncontrolled environment (IEC 61753-031-6:2014)

Međunarodna normizacija

IEC

IEC 61300-3-14:2014-10

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-14: Examinations and measurements – Error and repeatability of the attenuation settings of a variable optical attenuator

IEC 61300-3-51:2014-10

Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-51: Examinations and measurements – Pin gauge withdrawal force for rectangular ferrule multi-fibre connectors

33.180.30 Optička pojačala

Međunarodna normizacija

IEC

IEC/TR 61292-4:2014-10

Optical amplifier – Part 4: Maximum permissible optical power for the damage-free and safe use of optical amplifiers, including Raman amplifiers

IEC 62148-18:2014-11

Fiber optic active components and devices – Package and interface standards – Part 18: 40-Gbit/s serial transmitter and receiver components for use with the LC connector interface

IEC 62343-5-1:2014-11

Dynamic modules – Part 5-1: Test methods – Dynamic gain tilt equalizer – Gain tilt settling time measurement

33.200 Daljinsko upravljanje. Daljinsko mjerjenje

**Europska normizacija
CENELEC**

EN 13757-1:2014-10
Communication systems for meters – Part 1: Data exchange

ETSI

ETSI TS 102921 V 1.3.1:2014-09
Machine-to-Machine communications (M2M) – mla, dla and mld interfaces

35.020 Informacijska tehnologija (IT) općenito

**Međunarodna normizacija
ISO**

ISO/IEC 17788:2014-10
Informationstechnik – Cloud Computing – Übersicht und Vokabular
Information technology – Cloud computing – Overview and vocabulary

ISO/IEC 17789:2014-10
Information technology – Cloud computing – Reference architecture

35.040 Skupovi znakova i kodiranje informacija

**Međunarodna normizacija
ISO**

ISO/IEC 14496-18 AMD 1:2014-10
Information technology – Coding of audio-visual objects – Part 18: Font compression and streaming – Amendment 1: Updated semantics of decoderSpecificInfo and font data description for ISOBMFF

ISO/IEC 10118-4 AMD 1:2014-11
Information technology – Security techniques – Hash-functions – Part 4: Hash-functions using modular arithmetic – Amendment 1: Object identifiers

ISO/IEC 14496-4 AMD 42:2014-12
Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 42: Conformance testing of Multi-Resolution Frame Compatible Stereo Coding extension of AVC

ISO/IEC 14496-5 AMD 34:2014-12
Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 34: Reference software of the multi-resolution frame compatible stereo coding of AVC

ISO/IEC 15459-1:2014-11
Information technology – Automatic identification and data capture techniques – Unique identification – Part 1: Individual transport units

ISO/IEC 15459-3:2014-11
Information technology – Automatic identification and data capture techniques – Unique identification – Part 3: Common rules

ISO/IEC 15459-4:2014-11
Information technology – Automatic identification and data capture techniques – Unique identification – Part 4: Individual products and product packages

ISO/IEC 15459-5:2014-11

Information technology – Automatic identification and data capture techniques – Unique identification – Part 5: Individual returnable transport items (RTIs)

ISO/IEC 15459-6:2014-11

Information technology – Automatic identification and data capture techniques – Unique identification – Part 6: Groupings

ISO/IEC 23000-11 AMD 3:2014-11

Information technology – Multimedia application format (MPEG-A) – Part 11: Stereoscopic video application format – Amendment 3: Support movie fragment for Stereoscopic Video AF

ISO/IEC 23002-4 AMD 1:2014-11

Information technology – MPEG video technologies – Part 4: Video tool library – Amendment 1: Graphics tool library (GTL) for the reconfigurable multimedia coding (RMC) framework

35.080 Softver (programska podrška)

Međunarodna normizacija

ISO

ISO/IEC 24744:2014-11

Software engineering – Metamodel for development methodologies

35.100.20 Sloj veze između podataka

Europska normizacija

CENELEC

EN 61158-3-1:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-1: Data link layer service definition – Type 1 elements (IEC 61158-3-1:2014)

EN 61158-3-2:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements (IEC 61158-3-2:2014)

EN 61158-3-3:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-3: Data-link layer service definition – Type 3 elements (IEC 61158-3-3:2014)

EN 61158-3-4:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2014)

EN 61158-3-12:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-12: Data link layer service definition – Type 12 elements (IEC 61158-3-12:2014)

EN 61158-3-13:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-13: Data link layer service definition – Type 13 elements (IEC 61158-3-13:2014)

EN 61158-3-14:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-14: Data link layer service definition – Type 14 elements (IEC 61158-3-14:2014)

EN 61158-3-19:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-19: Data link layer service definition – Type 19 elements (IEC 61158-3-19:2014)

EN 61158-3-20:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-20: Data link layer service definition – Type 20 elements (IEC 61158-3-20:2014)

EN 61158-3-22:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-22: Data link layer service definition – Type 22 elements (IEC 61158-3-22:2014)

EN 61158-3-24:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-24: Data link layer service definition – Type 24 elements (IEC 61158-3-24:2014)

EN 61158-4-1

Industrielle Kommunikationsnetze – Feldbusse – Teil 4-1: Protokollspezifikation des Data Link Layer (Sicherungsschicht) – Typ 1 Elemente (IEC 61158-4-1:2014)

EN 61158-4-2

Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2014)

EN 61158-4-4

Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014)

EN 61158-4-11

Industrial communication networks – Fieldbus specifications – Part 4-11: Data-link layer protocol specification – Type 11 elements (IEC 61158-4-11:2014)

EN 61158-4-13

Industrial communication networks – Fieldbus specifications – Part 4-13: Data-link layer protocol specification – Type 13 elements (IEC 61158-4-13:2014)

EN 61158-4-14

Industrial communication networks – Fieldbus specifications – Part 4-14: Data-link layer protocol specification – Type 14 elements (IEC 61158-4-14:2014)

EN 61158-4-19

Industrial communication networks – Fieldbus specifications – Part 4-19: Data-link layer protocol specification – Type 19 elements (IEC 61158-4-19:2014)

EN 61158-4-22

Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type 22 elements (IEC 61158-4-22:2014)

EN 61158-4-24

Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements (IEC 61158-4-24:2014)

35.100.60 Sloj prikazivanja

Međunarodna normizacija ISO

ISO/IEC 8824-3 Technical Corrigendum 1:2014-10
Information technology – Abstract Syntax Notation One (ASN.1): Constraint specification; Technical Corrigendum 1

ISO/IEC 8825-7:2014-12
Information technology – ASN.1 encoding rules – Part 7: Specification of Octet Encoding Rules (OER)

35.100.70 Sloj primjene

Europska normizacija CENELEC

EN 13757-1:2014-10
Communication systems for meters – Part 1: Data exchange

EN 61158-5-2:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2014)

EN 61158-5-3:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-3: Application layer service definition – Type 3 elements (IEC 61158-5-3:2014)

EN 61158-5-4:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements (IEC 61158-5-4:2014)

EN 61158-5-5:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-5: Application layer service definition – Type 5 elements (IEC 61158-5-5:2014)

EN 61158-5-9:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-9: Application layer service definition – Type 9 elements (IEC 61158-5-9:2014)

EN 61158-5-10:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2014)

EN 61158-5-12:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2014)

EN 61158-5-13:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-13: Application layer service definition – Type 13 elements (IEC 61158-5-13:2014)

EN 61158-5-14:2014-10
Industrial communication networks – Fieldbus specifications – Part 5-14: Application layer service definition – Type 14 elements (IEC 61158-5-14:2014)

EN 61158-5-19:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19-elements (IEC 61158-5-19:2014)

EN 61158-5-20:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-20: Data-link layer service definition – Type 20-elements (IEC 61158-3-20:2014)

EN 61158-5-22:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-22: Data-link layer service definition – Type 22-elements (IEC 61158-3-22:2014)

EN 61158-5-23:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23-elements (IEC 61158-5-23:2014)

EN 61158-5-24:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24-elements (IEC 61158-5-24:2014)

EN 61158-6-2

Industrielle Kommunikationsnetze – Feldbusse – Teil 6-x: Protokollspezifikation des Application Layer (Anwendungsschicht) – Typ x Elemente (IEC 61158-6-2:2014)

EN 61158-6-3

Industrial communication networks – Fieldbus specifications – Part 6-3: Application layer protocol specification – Type 3 elements (IEC 61158-6-3:2014)

EN 61158-6-4

Industrial communication networks – Fieldbus specifications – Part 6-4: Application layer protocol specification – Type 4 elements (IEC 61158-6-4:2014)

EN 61158-6-5

Industrial communication networks – Fieldbus specifications – Part 6-5: Application layer protocol specification – Type 5 elements (IEC 61158-6-5:2014)

EN 61158-6-9

Industrial communication networks – Fieldbus specifications – Part 6-9: Application layer protocol specification – Type 9 elements

EN 61158-6-10

Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2014)

EN 61158-6-12

Industrial communication networks – Fieldbus specifications – Part 6-12: Application layer protocol specification – Type 12 elements (IEC 61158-6-12:2014)

EN 61158-6-13

Industrial communication networks – Fieldbus specifications – Part 6-13: Application layer protocol specification – Type 13 elements (IEC 61158-6-13:2014)

EN 61158-6-14

Industrial communication networks – Fieldbus specifications – Part 6-14: Application layer protocol specification – Type 14 elements (IEC 61158-6-14:2014)

EN 61158-6-19

Industrial communication networks – Fieldbus specifications – Part 6-19: Application layer protocol specification – Type 19 elements (IEC 61158-6-19:2014)

EN 61158-6-20

Industrial communication networks – Fieldbus specifications – Part 6-20: Application layer protocol specification – Type 20 elements (IEC 61158-6-20:2014)

EN 61158-6-22

Industrial communication networks – Fieldbus specifications – Part 6-22: Application layer protocol specification – Type 22 elements (IEC 61158-6-22:2014)

EN 61158-6-23

Industrial communication networks – Fieldbus specifications – Part 6-23: Application layer protocol specification – Type 23 elements (IEC 61158-6-23:2014)

EN 61158-6-24

Industrial communication networks – Fieldbus specifications – Part 6-24: Application layer protocol specification – Type 24 elements (IEC 61158-6-24:2014)

Međunarodna normizacija

ISO

ISO/IEC 17811-3:2014-10

Information Technology – Device control and management – Part 3: Specification of Reliable Message Delivery Protocol

IEC

IEC 62734:2014-10

Industrial networks – Wireless communication network and communication profiles – ISA 100.11a

35.110 Umrežavanje (IT)

Europska normizacija

CENELEC

EN 61158-4-4

Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014)

EN 302637-2 V 1.3.2:2014-11

Intelligent Transport Systems (ITS) – Vehicular Communications – Basic Set of Applications – Part 2: Specification of Cooperative Awareness Basic Service

ETSI

ETSI TS 103194 V 1.1.1:2014-10

Network Technologies (NTECH) – Autonomic network engineering for the self-managing Future Internet (AFI) – Scenarios, Use Cases and Requirements for Autonomic/Self-Managing Future Internet

ETSI GS NFV-INF 007 V 1.1.1:2014-10

Network Functions Virtualisation (NFV) – Infrastructure – Methodology to describe Interfaces and Abstractions

ETSI GS NFV-SEC 001 V 1.1.1:2014-10

Network Functions Virtualisation (NFV) – NFV Security – Problem Statement

35.160 Mikroprocesorski sustavi

Europska normizacija CENELEC

EN 61158-3-1:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-1: Data link layer service definition – Type 1 elements (IEC 61158-3-1:2014)

EN 61158-3-2:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements (IEC 61158-3-2:2014)

EN 61158-3-3:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-3: Data-link layer service definition – Type 3 elements (IEC 61158-3-3:2014)

EN 61158-3-4:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements (IEC 61158-3-4:2014)

EN 61158-3-12:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-12: Data link layer service definition – Type 12 elements (IEC 61158-3-12:2014)

EN 61158-3-13:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-13: Data link layer service definition – Type 13 elements (IEC 61158-3-13:2014)

EN 61158-3-14:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-14: Data link layer service definition – Type 14 elements (IEC 61158-3-14:2014)

EN 61158-3-19:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-19: Data link layer service definition – Type 19 elements (IEC 61158-3-19:2014)

EN 61158-3-20:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-20: Data link layer service definition – Type 20 elements (IEC 61158-3-20:2014)

EN 61158-3-22:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-22: Data link layer service definition – Type 22 elements (IEC 61158-3-22:2014)

EN 61158-3-24:2014-10

Industrial communication networks – Fieldbus specifications – Part 3-24: Data link layer service definition – Type 24 elements (IEC 61158-3-24:2014)

EN 61158-4-1

Industrial communication networks – Fieldbus specifications – Part 4-1: Data-link layer protocol specification – Type 1 elements(IEC 61158-4-1:2014)

EN 61158-4-2

Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements (IEC 61158-4-2:2014)

EN 61158-4-4

Industrial communication networks – Fieldbus specifications – Part 4-4: Data-link layer protocol specification – Type 4 elements (IEC 61158-4-4:2014)

EN 61158-4-11

Industrial communication networks – Fieldbus specifications – Part 4-11: Data-link layer protocol specification – Type 11 elements (IEC 61158-4-11:2014)

EN 61158-4-13

Industrial communication networks – Fieldbus specifications – Part 4-13: Data-link layer protocol specification – Type 13 elements (IEC 61158-4-13:2014)

EN 61158-4-14

Industrial communication networks – Fieldbus specifications – Part 4-14: Data-link layer protocol specification – Type 14 elements (IEC 61158-4-14:2014)

EN 61158-4-19

Industrial communication networks – Fieldbus specifications – Part 4-19: Data-link layer protocol specification – Type 19 elements (IEC 61158-4-19:2014)

EN 61158-4-22

Industrial communication networks – Fieldbus specifications – Part 4-22: Data-link layer protocol specification – Type 22 elements (IEC 61158-4-22:2014)

EN 61158-4-24

Industrial communication networks – Fieldbus specifications – Part 4-24: Data-link layer protocol specification – Type 24 elements (IEC 61158-4-24:2014)

EN 61158-5-2:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements (IEC 61158-5-2:2014)

EN 61158-5-3:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-3: Application layer service definition – Type 3 elements (IEC 61158-5-3:2014)

EN 61158-5-4:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-4: Application layer service definition – Type 4 elements (IEC 61158-5-4:2014)

EN 61158-5-5:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-5: Application layer service definition – Type 5 elements (IEC 61158-5-5:2014)

EN 61158-5-9:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-9: Application layer service definition – Type 9 elements (IEC 61158-5-9:2014)

EN 61158-5-10:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-10: Application layer service definition – Type 10 elements (IEC 61158-5-10:2014)

EN 61158-5-12:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-12: Application layer service definition – Type 12 elements (IEC 61158-5-12:2014)

EN 61158-5-13:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-13: Application layer service definition – Type 13 elements (IEC 61158-5-13:2014)

EN 61158-5-14:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-14: Application layer service definition – Type 14 elements (IEC 61158-5-14:2014)

EN 61158-5-19:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-19: Application layer service definition – Type 19-elements (IEC 61158-5-19:2014)

EN 61158-5-20:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-20: Data-link layer service definition – Type 20-elements (IEC 61158-5-20:2014)

EN 61158-5-22:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-22: Data-link layer service definition – Type 22-elements (IEC 61158-5-22:2014)

EN 61158-5-23:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-23: Application layer service definition – Type 23-elements (IEC 61158-5-23:2014)

EN 61158-5-24:2014-10

Industrial communication networks – Fieldbus specifications – Part 5-24: Application layer service definition – Type 24 elements (IEC 61158-5-24:2014)

EN 61158-6-2

Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements (IEC 61158-6-2:2014)

EN 61158-6-3

Industrial communication networks – Fieldbus specifications – Part 6-3: Application layer protocol specification – Type 3 elements (IEC 61158-6-3:2014)

EN 61158-6-4

Industrial communication networks – Fieldbus specifications – Part 6-4: Application layer protocol specification – Type 4 elements (IEC 61158-6-4:2014)

EN 61158-6-5

Industrial communication networks – Fieldbus specifications – Part 6-5: Application layer protocol specification – Type 5 elements (IEC 61158-6-5:2014)

EN 61158-6-9

Industrial communication networks – Fieldbus specifications – Part 6-9: Application layer protocol specification – Type 9 elements (IEC 61158-6-9:2014)

EN 61158-6-10

Industrial communication networks – Fieldbus specifications – Part 6-10: Application layer protocol specification – Type 10 elements (IEC 61158-6-10:2014)

EN 61158-6-12

Industrial communication networks – Fieldbus specifications – Part 6-12: Application layer protocol specification – Type 12 elements (IEC 61158-6-12:2014)

EN 61158-6-13

Industrial communication networks – Fieldbus specifications – Part 6-13: Application layer protocol specification – Type 13 elements (IEC 61158-6-13:2014)

EN 61158-6-14

Industrial communication networks – Fieldbus specifications – Part 6-14: Application layer protocol specification – Type 14 elements (IEC 61158-6-14:2014)

EN 61158-6-19

Industrial communication networks – Fieldbus specifications – Part 6-19: Application layer protocol specification – Type 19 elements (IEC 61158-6-19:2014)

EN 61158-6-20

Industrial communication networks – Fieldbus specifications – Part 6-20: Application layer protocol specification – Type 20 elements (IEC 61158-6-20:2014)

EN 61158-6-22

Industrial communication networks – Fieldbus specifications – Part 6-22: Application layer protocol specification – Type 22 elements (IEC 61158-6-22:2014)

EN 61158-6-23

Industrial communication networks – Fieldbus specifications – Part 6-23: Application layer protocol specification – Type 23 elements (IEC 61158-6-23:2014)

EN 61158-6-24

Industrial communication networks – Fieldbus specifications – Part 6-24: Application layer protocol specification – Type 24 elements (IEC 61158-6-24:2014)

Međunarodna normizacija

IEC

IEC 62734:2014-10

Industrial networks – Wireless communication network and communication profiles – ISA 100.11a

35.200 Sučelna i spojna oprema

Međunarodna normizacija

ISO

ISO/IEC TR 11801-9901:2014-10

Information technology – Generic cabling for customer premises – Part 9901: Guidance for balanced cabling in support of at least 40 Gbit/s data transmission

ISO/IEC 24775-1:2014-10

Information technology – Storage management – Part 1: Overview

ISO/IEC 24775-2:2014-10

Information technology – Storage management – Part 2: Common Architecture

ISO/IEC 24775-3:2014-10

Information technology – Storage management – Part 3: Common Profiles

ISO/IEC 24775-4:2014-10

Information technology – Storage management – Part 4: Block Devices

35.220.01 Uređaji za pohranu podataka općenito

Međunarodna normizacija

ISO

ISO/IEC 24775-1:2014-10

Information technology – Storage management – Part 1: Overview

ISO/IEC 24775-2:2014-10

Information technology – Storage management – Part 2: Common Architecture

ISO/IEC 24775-3:2014-10

Information technology – Storage management – Part 3: Common Profiles

35.240.15 Identifikacijske kartice i pripadajuće naprave

Europska normizacija ETSI

ETSI TS 102622 V 12.1.0:2014-10
Smart Cards – UICC – Contactless Front-end (CLF) Interface – Host Controller Interface (HCI)
(Release 12)

ETSI TS 102694-2 V 10.2.0:2014-09
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 2: UICC features
(Release 10)

ETSI TS 102695-2 V 10.0.0:2014-09
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 2: UICC features
(Release 10)

ETSI TS 102694-1 V 10.0.0:2014-11
Smart Cards – Test specification for the Single Wire Protocol (SWP) interface – Part 1: Terminal
features (Release 10)

ETSI TS 102695-1 V 9.4.0:2014-11
Smart Cards – Test specification for the Host Controller Interface (HCI) – Part 1: Terminal features
(Release 9)

ETSI TS 103383 V 12.6.0:2014-12
Smart Cards – Embedded UICC – Requirements Specification (Release 12)

Međunarodna normizacija ISO

ISO/IEC 10373-5:2014-10
Identification cards – Test methods – Part 5: Optical memory cards

ISO/IEC 11694-5:2014-11
Identification cards – Optical memory cards – Linear recording method – Part 5: Data format for
information interchange for applications using ISO/IEC 11694-4

ISO/IEC 18013-3 AMD 2:2014-12
Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access
control, authentication and integrity validation – Amendment 2: Extended Access Control v1

35.240.30 Primjene IT-a u obavljanju, dokumentaciji i izdavaštvu

Međunarodna normizacija ISO

ISO 10161-2:2014-10
Information and documentation – Open Systems Interconnection – Interlibrary Loan Application
Protocol Specification – Part 2: Protocol implementation conformance statement (PICS) proforma

ISO 21127:2014-10
Information and documentation – A reference ontology for the interchange of cultural heritage
information

ISO 10161-1:2014-11

Information and documentation – Open Systems Interconnection – Interlibrary Loan Application Protocol Specification – Part 1: Protocol specification

IEC

IEC 82045-1 Corrigendum 1:2014-10

Document management – Part 1: Principles and methods; Corrigendum 1

IEC 82045-2 Corrigendum 1:2014-10

Document management – Part 2: Metadata elements and information reference model; Corrigendum 1

35.240.50 Primjene IT-a u industriji

Europska normizacija

CENELEC

EN 62325-451-3:2014-10

Kommunikation im Energiemarkt – Teil 451-3: Geschäftsprozess für die Übertragungskapazitäts-Zuteilung (explizite oder implizite Auktion) und kontextbezogene Modelle für den europäischen Markt (IEC 62325-451-3:2014)

EN 62656-1

Standardized product ontology register and transfer by spreadsheets – Part 1: Logical structure for data parcels (IEC 62656-1:2014)

EN 62714-1:2014-10

Engineering data exchange format for use in industrial automation systems engineering – Part 1: Architecture and general Requirements (IEC 62714-1:2014)

35.240.60 Primjene IT-a u prijevozu i trgovini

Europska normizacija

CEN/CENELEC

CEN/TR 16742:2014-10

Intelligent transport systems – Privacy aspects in ITS standards and systems in Europe

CLC/TR 50542-1:2014-10

Railway applications – Driver's cab train display controller (TDC) – Part 1: General architecture

EN 61375-2-5

Elektronische Betriebsmittel für Bahnen – Zug-Kommunikations-Netzwerk – Teil 2-5: ETB – Ethernet Train Backbone (IEC 61375-2-5:2014)

EN 62325-451-3:2014-10

Framework for energy market communications – Part 451-3: Transmission capacity allocation business process (explicit or implicit auction) and contextual models for European market (IEC 62325-451-3:2014)

ETSI

ETSI TS 101556-3 V 1.1.1:2014-10

Intelligent Transport Systems (ITS) – Infrastructure to Vehicle Communications – Part 3: Communications system for the planning and reservation of EV energy supply using wireless networks

Međunarodna normizacija
ISO

ISO 29281-2 AMD 1:2014-10

Intelligent transport systems – Communication access for land mobiles (CALM) – Non-IP networking – Part 2: Legacy system support; Amendment 1

ISO 14533-1:2014-12

Processes, data elements and documents in commerce, industry and administration – Long term signature profiles – Part 1: Long term signature profiles for CMS Advanced Electronic Signatures (CAdES)

ISO 21218 AMD 1:2014-11

Intelligent transport systems – Communications access for land mobiles (CALM) – Access technology support; Amendment 1

IEC

IEC 62325-451-4:2014-11

Framework for energy market communications – Part 451-4: Settlement and reconciliation business process, contextual and assembly models for European market

35.240.70 Primjene IT-a u znanosti

Europska normizacija
CEN

EN ISO 19101-1:2014-11

Geographic information – Reference model – Part 1: Fundamentals (ISO 19101-1:2014)

Međunarodna normizacija
ISO

ISO 19101-1:2014-11

Geographic information – Reference model – Part 1: Fundamentals

ISO 19154:2014-11

Geographic information – Ubiquitous public access – Reference model

35.240.80 Primjene IT u tehničici zaštite zdravlja

Europska normizacija
CEN

EN ISO 22600-1:2014-10

Health informatics – Privilege management and access control – Part 1: Overview and policy management (ISO 22600-1:2014)

EN ISO 22600-2:2014-10

Health informatics – Privilege management and access control – Part 2: Formal models (ISO 22600-2:2014)

EN ISO 22600-3:2014-10

Health informatics – Privilege management and access control – Part 3: Implementations (ISO 22600-3:2014)

EN 303203-1 V 1.1.1:2014-11

Electromagnetic compatibility and Radio spectrum Matters (ERM) – Short Range Devices (SRD) – Medical Body Area Network Systems (MBANSs) operating in the 2483,5 MHz to 2500 MHz range – Part 1: Technical

Međunarodna normizacija

ISO

ISO/TR 14639-2:2014-10

Health informatics – Capacity-based eHealth architecture roadmap – Part 2: Architectural components and maturity model

ISO 17090-4:2014-10

Health informatics – Public key infrastructure – Part 4: Digital Signatures for healthcare documents

ISO 22600-1:2014-10

Health informatics – Privilege management and access control – Part 1: Overview and policy management

ISO 22600-2:2014-10

Health informatics – Privilege management and access control – Part 2: Formal models

ISO 22600-3:2014-10

Health informatics – Privilege management and access control – Part 3: Implementations

ISO/TR 12300:2014-11

Medizinische Informatik – Mapping von Terminologien auf Klassifikationen

Health informatics – Principles of mapping between terminological systems

ISO/TR 19231:2014-11

Health informatics – Survey of mHealth projects in low and middle income countries (LMIC)

ISO/TR 80001-2-6:2014-12

Application of risk management for IT-networks incorporating medical devices – Part 2-6: Application guidance – Guidance for responsibility agreements

35.240.99 Primjene IT-a u ostalim područjima

Europska normizacija

CEN

EN ISO 22311:2014-11

Societal security – Video-surveillance – Export interoperability (ISO 22311:2012)

Međunarodna normizacija

ISO

ISO/IEC 19788-4:2014-12

Information technology – Learning, education and training – Metadata for learning resources – Part 4: Technical elements

IEC

IEC 62386-101:2014-11

Digital addressable lighting interface – Part 101: General requirements – System components

IEC 62386-102:2014-11

Digital addressable lighting interface – Part 102: General requirements – Control gear

IEC 62386-103:2014-11
Digital addressable lighting interface – Part 103: General requirements – Control devices

IEC/TR 62939-1:2014-11
Smart grid user interface – Part 1: Interface overview and country perspectives

37.020 Optička oprema

Međunarodna normizacija **ISO**

ISO 14490-6:2014-10
Optics and photonics – Test methods for telescopic systems – Part 6: Test methods for veiling glare index

ISO 17328:2014-10
Optics and photonics – Optical materials and components – Test method for refractive index of infrared optical materials

ISO 9022-4:2014-11
Optics and photonics – Environmental test methods – Part 4: Salt mist

ISO 14132-3:2014-11
Optics and photonics – Vocabulary for telescopic systems – Part 3: Terms for telescopic sights

37.040.10 Fotografska oprema. Projektori

Europska normizacija **CENELEC**

EN 60335-2-56/A2
Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-56: Besondere Anforderungen für Projektoren und ähnliche Geräte (IEC 60335-2-56:2002/A2:2014)

39.060 Nakit

Međunarodna normizacija **ISO**

ISO 9202:2014-12
Jewellery – Fineness of precious metal alloys

ISO 11210:2014-12
Jewellery – Determination of platinum in platinum jewellery alloys – Gravimetric method after precipitation of diammonium hexachloroplatinate

ISO 11427:2014-11
Jewellery – Determination of silver in silver jewellery alloys – Volumetric (potentiometric) method using potassium bromide

ISO 11494:2014-12
Jewellery – Determination of platinum in platinum jewellery alloys – ICP-OES method using yttrium as internal standard element

ISO 11495:2014-12

Jewellery – Determination of palladium in palladium jewellery alloys – ICP-OES method using yttrium as internal standard element

37.060.10 Filmska oprema

Europska normizacija

CENELEC

EN 60335-2-56/A2

Household and similar electrical appliances – Safety – Part 2-56: Particular requirements for projectors and similar appliances (IEC 60335-2-56:2002/A2:2014)

37.060.20 Kinematografski filmovi. Kazete

Međunarodna normizacija

ISO

ISO 71:2014-10

Cinematography – 16 mm negative photographic sound record on 16 mm, 35/16 mm and 35/32 mm motion-picture film – Positions and dimensions

ISO 7832:2014-10

Cinematography – Photoelectric output factor of photographic-type audio-level test films – Measurement and calibration

37.080 Primjene u preslikavanju dokumenata

Međunarodna normizacija

ISO

ISO/TR 17797:2014-10

Electronic archiving – Selection of digital storage media for long term preservation

39.040.01 Urarstvo općenito

Međunarodna normizacija

ISO

ISO 10552:2014-10

Timekeeping instruments – Crowns and sealed tubes – Designs and dimensions

43.040.10 Električna i elektronička oprema

Europska normizacija

CENELEC

EN 62196-1

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 1: Allgemeine Anforderungen (IEC 62196-1:2014, modifiziert)

EN 62196-2/A12/AC:2014-10

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories

43.040.15 Informatika vozila. Računalni sustavi u vozilu

Europska normizacija

CEN

EN ISO 15007-1:2014-11

Road vehicles – Measurement of driver visual behaviour with respect to transport information and control systems – Part 1: Definitions and parameters (ISO 15007-1:2014)

Međunarodna normizacija

ISO

ISO 15007-1:2014-11

Road vehicles – Measurement of driver visual behaviour with respect to transport information and control systems – Part 1: Definitions and parameters

ISO 16845-2:2014-11

Road vehicles – Controller area network (CAN) conformance test plan – Part 2: High-speed medium access unit with selective wake-up functionality

43.060.40 Sustavi goriva

Međunarodna normizacija

ISO

ISO 18418-1:2014-11

Gasoline engines – Medium pressure liquid fuel supply connections – Part 1: 60° female cone connectors

ISO 18418-2:2014-11

Gasoline engines – Medium pressure liquid fuel supply connections – Part 2: Pipe assemblies

43.080.10 Kamioni i prikolice

Europska normizacija

CEN

EN 14334:2014-11

LPG equipment and accessories – Inspection and testing of LPG road tankers

43.120 Električna cestovna vozila

Europska normizacija

CENELEC

EN 62196-1

Stecker, Steckdosen, Fahrzeugkupplungen und Fahrzeugstecker – Konduktives Laden von Elektrofahrzeugen – Teil 1: Allgemeine Anforderungen (IEC 62196-1:2014, modifiziert)

EN 62196-2/A12/AC:2014-10

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories

45.020 Željeznička tehnika općenito

Europska normizacija

CENELEC

CLC/TR 50542-1:2014-10

Railway applications – Driver's cab train display controller (TDC) – Part 1: General architecture

45.060.10 Vučna vozila

Europska normizacija

CEN

EN 50238/AC:2014-11

Railway applications – Compatibility between rolling stock and train detection systems

Međunarodna normizacija

IEC

IEC 60850:2014-11

Railway applications – Supply voltages of traction systems

45.060.20 Vozila za tegljenje

Europska normizacija

CEN

EN 12561-3/AC:2014-11

Railway applications – Tank wagons – Part 3: Bottom filling and emptying devices for gases liquefied under pressure

EN 12663-1+A1:2014-12

Railway applications – Structural requirements of railway vehicle bodies – Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)

47.020.01 Opće norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija

ISO

ISO 17907:2014-11

Schiffe und Meerestechnik – Einzelvorrichtung für Verankerungsmaßnahmen bei Tankern

Ships and marine technology – Single point mooring arrangements for conventional tankers

47.020.50 Palubna oprema i instalacije

Međunarodna normizacija ISO

ISO 18289:2014-10

Ships and marine technology – Navigation and shallow-water engineering vessels – Anchor winches

ISO 18296:2014-10

Ships and marine technology – Ship-shifting winches

47.020.60 Električna oprema brodova i pomorskih konstrukcija

Međunarodna normizacija IEC

IEC 60092-507:2014-11

Electrical installations in ships – Part 507: Small vessels

IEC 61892-5:2014-11

Mobile and fixed offshore units – Electrical installations – Part 5: Mobile units

47.020.99 Ostale norme koje se odnose na brodogradnju i pomorske konstrukcije

Međunarodna normizacija ISO

ISO 17325-2:2014-10

Ships and marine technology – Marine environment protection – Oil booms – Part 2: Strength and performance requirements

ISO 18309:2014-10

Ships and marine technology – Incinerator sizing and selection – Guidelines

ISO 18611-1:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 1: Quality requirements

ISO 18611-2:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 2: Test methods

ISO 18611-3:2014-10

Ships and marine technology – Marine NOx reduction agent AUS 40 – Part 3: Handling, transportation and storage

47.040 Morska plovila

Međunarodna normizacija ISO

ISO 16556:2014-10

Large yachts – Deck equipment – Anchoring equipments

ISO 14886:2014-12

Ships and marine technology – Large yachts – Structural fire protection for FRP yachts

47.080 Mali plovni objekti

Europska normizacija

CEN

EN ISO 10239:2014-12

Small craft – Liquefied petroleum gas (LPG) systems (ISO 10239:2014)

EN ISO 21487/A1:2014-12

Small craft – Permanently installed petrol and diesel fuel tanks – Amendment 1
(ISO 21487:2012/Amd 1:2014)

EN ISO 25197/A1:2014-12

Small craft – Electrical/electronic control systems for steering, shift and throttle – Amendment 1
(ISO 25197:2012/Amd 1:2014)

Međunarodna normizacija

IEC

IEC 60092-507:2014-11

Electrical installations in ships – Part 507: Small vess

49.025.01 Gradiva za zrakoplovne konstrukcije općenito

Europska normizacija

CEN

EN 16602-70-21:2014-10

Space product assurance – Flammability testing for the screening of space materials

EN 16602-70-22:2014-10

Space product assurance – Control of limited shelf-life materials

EN 16602-70-36:2014-10

Space product assurance – Material selection for controlling stress-corrosion cracking

EN 16602-70-37:2014-10

Space product assurance – Determination of the susceptibility of metals to stress-corrosion cracking

EN 16602-70-45:2014-10

Space product assurance – Mechanical testing of metallic materials

EN 16602-70-37-10

Raumfahrtproduktsicherung – Bestimmung der Anfälligkeit von Metallen für Spannungsrißkorrosion

EN 16602-70-45-10

Raumfahrtproduktsicherung – Mechanische Tests von metallinem Material

49.025.20 Aluminij

Europska normizacija

CEN

EN 4725:2014-11

Aerospace series – Aluminium alloy AL-P2024- Al Cu4Mg1 – T351 – Plate – 6 mm < a ≤ 150 mm

49.030.01 Pričvršćivači općenito

Europska normizacija
CEN

EN 16602-70-46:2014-10
Space product assurance – Requirements for manufacturing and procurement of threaded fasteners

EN 16602-70-46-10
Raumfahrtproduktsicherung – Anforderungen für die Herstellung und Beschaffung von eingezogenen Klemmen/Befestigern

49.040 Premazivanje i srođni procesi koji se upotrebljavaju u zrakoplovnoj industriji

Europska normizacija
CEN

EN 16602-70-13
Raumfahrtproduktsicherung – Ermittlung der Schäl- und Abziehfestigkeit von Überzügen und Beschichtungen unter Anwendung von Haftbändern (ECSS-Q-ST-70-13C Rev1)

49.060 Zrakoplovna električna oprema i sustavi

Europska normizacija
CEN/CENELEC

EN 3155-070:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 070: Contacts, electrical, male, type A, crimp, class S – Product standard

EN 3155-071:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 071: Contacts, electrical, female, type A, crimp, class S – Product standard

EN 3155-078:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 078: Contacts size 22 for EN 2997, electrical, male, type A, crimp, class S – Product standard

EN 3155-079:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 079: Contacts size 22 for EN 2997, electrical, female, type A, crimp, class S – Product standard

EN 3155-080:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 080: Contacts size 22 for EN 2997, electrical, male, type A, crimp, class T – Product standard

EN 3155-081:2014-11
Aerospace series – Electrical contacts used in elements of connection – Part 081: Contacts size 22 for EN 2997, electrical, female, type A, crimp, class T – Product standard

EN 3475-411:2014-11
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 411: Resistance to fluids

EN 4199-004:2014-11
Aerospace series – Bonding straps for aircraft – Part 004: Round bonding straps, copper, tin plated - 65 °C up to 150 °C and nickel plated -65 °C up to 260 °C – Product Standard

EN 16602-70-26:2014-10

Raumfahrtproduktsicherung – Quetschen von hochzuverlässigen elektrischen Verbindungen
Space product assurance – Crimping of high-reliability electrical connections

Međunarodna normizacija
ISO

ISO 27027:2014-10

Aerospace – Solid-state remote power controllers – General performance requirements

49.080 Zrakoplovni fluidički sustavi i sastavnice

Međunarodna normizacija
ISO

ISO 7169:2014-11

Aerospace – Separable tube fittings for fluid systems, for 24° cones, for pressures up to 3000 psi or 21000 kPa – Procurement specification, inch/metric

49.090 Oprema i instrumenti u zrakoplovu

Europska normizacija
CEN

EN 16602-70-18:2014-10

Raumfahrtproduktsicherung – Vorbereitung, Zusammenbau und Befestigung von RF-Koaxial-Kabeln
Space product assurance – Preparation, assembly and mounting of RF coaxial cables

49.140 Svetmirski sustavi i operacije

Europska normizacija
CEN

EN 16602-70-01:2014-10

Space product assurance – Cleanliness and contamination control

EN 16602-70-02:2014-10

Space product assurance – Thermal vacuum outgassing test for the screening of space materials

EN 16602-70-03:2014-10

Space product assurance – Black-anodizing of metals with inorganic dyes

EN 16602-70-04:2014-10

Space product assurance – Thermal testing for the evaluation of space materials, processes, mechanical parts and assemblies

EN 16602-70-05:2014-10

Space product assurance – Detection of organic contamination surfaces by infrared spectroscopy

EN 16602-70-06:2014-10

Space product assurance – Particle and UV radiation testing for space materials

EN 16602-70-07:2014-10

Space product assurance – Verification and approval of automatic machine wave soldering

EN 16602-70-09

Raumfahrtproduktsicherung – Messung der thermo-optischen Eigenschaften von Materialien zur Thermalkontrolle (ECSS-Q-ST-70-09C)

EN 16602-70-10

Raumfahrtproduktsicherung – Qualifizierung von Leiterplatten (ECSS-Q-ST-70-10C)

EN 16602-70-11

Raumfahrtproduktsicherung – Beschaffung von Leiterplatten (ECSS-Q-ST-70-11C)

EN 16602-70-13

Raumfahrtproduktsicherung – Ermittlung der Schäl- und Abziehfestigkeit von Überzügen und Beschichtungen unter Anwendung von Haftbändern (ECSS-Q-ST-70-13C Rev1)

EN 16602-70-18:2014-10

Space product assurance – Preparation, assembly and mounting of RF coaxial cables

EN 16602-70-20:2014-10

Space product assurance – Determination of the susceptibility of silver-plated copper wire and cable to „red-plague“ corrosion

EN 16602-70-21:2014-10

Space product assurance – Flammability testing for the screening of space materials

EN 16602-70-22:2014-10

Space product assurance – Control of limited shelf-life materials

EN 16602-70-26:2014-10

Space product assurance – Crimping of high-reliability electrical connections

EN 16602-70-28:2014-10

Space product assurance – Repair and modification of printed circuit board assemblies for space use

EN 16602-70-29:2014-10

Space product assurance – Determination of offgassing products from materials and assembled articles to be used in a manned space vehicle crew compartment

EN 16602-70-30:2014-10

Space product assurance – Wire wrapping of high-reliability electrical connections

EN 16602-70-31:2014-10

Space product assurance – Application of paints and coatings on space hardware

EN 16602-70-36:2014-10

Space product assurance – Material selection for controlling stress-corrosion cracking

EN 16602-70-37:2014-10

Space product assurance – Determination of the susceptibility of metals to stress-corrosion cracking

EN 16602-70-45:2014-10

Space product assurance – Mechanical testing of metallic materials

EN 16602-70-46:2014-10

Space product assurance – Requirements for manufacturing and procurement of threaded fasteners

EN 16602-70-08

Raumfahrtproduktsicherung – Manuelles Löten von hoch-zuverlässigen elektrischen Verbindungen

EN 16602-70-37-10

Raumfahrtproduktsicherung – Bestimmung der Anfälligkeit von Metallen für Spannungsrißkorrosion

- EN 16602-70-45-10
Raumfahrtproduktsicherung – Mechanische Tests von metallenem Material
- EN 16602-70-46-10
Raumfahrtproduktsicherung – Anforderungen für die Herstellung und Beschaffung von eingezogenen Klemmen/Befestigern
- EN 16602-70-50
Raumfahrtproduktsicherung – Überwachung der Teilchenkontamination von Raumfahrzeugsystemen und Reinräumen
- EN 16602-70-53
Raumfahrtproduktsicherung – Kompatibilitätstests für Material und Hardware in Sterilisationsprozessen
- EN 16602-70-55
Raumfahrtproduktsicherung – Mikrobiologische Prüfung von Flughardware und Reinräumen
- EN 16602-70-58
Raumfahrtproduktsicherung – Kontrolle der Gesamtkeimzahl in Reinräumen

Međunarodna normizacija
ISO

ISO 16919:2014-11
Space data and information transfer systems – Requirements for bodies providing audit and certification of candidate trustworthy digital repositories

53.020.20 Dizalice

Europska normizacija
CEN

EN 13001-3-3:2014-10
Cranes – General design – Part 3-3: Limit states and proof of competence of wheel/rail contacts

Međunarodna normizacija
ISO

ISO 9928-2:2014-10
Cranes – Crane operating manual – Part 2: Mobile cranes

ISO 11662-2:2014-11
Mobile cranes – Experimental determination of crane performance – Part 2: Structural competence under static loading

53.060 Industrijski prijevozni sustavi

Međunarodna normizacija
ISO

ISO 22915-9:2014-10
Industrial trucks – Verification of stability – Part 9: Counterbalanced trucks with mast handling freight containers of 6 m (20 ft) length and longer

55.100 Boce. Vrčevi. Lonci

Europska normizacija

CEN

EN 16592:2014-10

Packaging – Rigid plastic containers – PET finish 29/25 (12,6)

EN 16593:2014-10

Packaging – Rigid plastic containers – PET finish BVS 30H60

EN 16594:2014-10

Packaging – Rigid plastic containers – PET finish 26/22 (12,0)

55.120 Limenke. Konzerve. Tube

Europska normizacija

CEN

EN 12377:2014-10

Packaging – Flexible tubes – Test method for the air tightness of closures

55.180.20 Palete opće namjene

Europska normizacija

CEN

EN ISO 18613:2014-11

Pallets for materials handling – Repair of flat wooden pallets (ISO 18613:2014)

Međunarodna normizacija

ISO

ISO 18613:2014-11

Pallets for materials handling – Repair of flat wooden pallets

55.180.99 Ostale norme koje se odnose na distribuciju robe

Međunarodna normizacija

IEC

IEC 61340-4-4 AMD 1:2014-11

Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

IEC 61340-4-4 Edition 2.1:2014-11

Electrostatics – Part 4-4: Standard test methods for specific applications – Electrostatic classification of flexible intermediate bulk containers (FIBC)

59.060.10 Prirodna vlakna

Europska normizacija

CEN

EN ISO 6938:2014-11

Textiles – Natural fibres – Generic names and definitions (ISO 6938:2012)

59.080.60 Tekstilne podne obloge

Međunarodna normizacija
ISO

ISO 16581:2014-12

Resilient and laminate floor coverings – Determination of the effect of simulated movement of a furniture leg

59.120.10 Strojevi za predenje, pletenje i tkanje

Međunarodna normizacija
ISO

ISO 93-2 AMD 1:2014-12

Textile machinery and accessories – Cylindrical sliver cans – Part 2: Spring bottoms; Amendment 1

65.060.10 Poljoprivredni traktori i priključna vozila

Međunarodna normizacija
ISO

ISO 23205:2014-12

Agricultural tractors – Instructional seat

65.060.35 Oprema za navodnjavanje i isušivanje

Međunarodna normizacija
ISO

ISO 9635-1:2014-11

Agricultural irrigation equipment – Irrigation valves – Part 1: General requirements

ISO 9635-2:2014-11

Landwirtschaftliche Bewässerungsausrüstung – Ventile für die Bewässerung – Teil 2: Absperrventile
Agricultural irrigation equipment – Irrigation valves – Part 2: Isolating valves

ISO 9635-3:2014-11

Agricultural irrigation equipment – Irrigation valves – Part 3: Check valves

ISO 9635-4:2014-11

Agricultural irrigation equipment – Irrigation valves – Part 4: Air valves

65.160 Duhan, duhanski proizvodi i odgovarajuća oprema

Međunarodna normizacija
ISO

ISO/TR 19478-1:2014-11

ISO and Health Canada intense smoking parameters – Part 1: Results of an international machine smoking study

67.040 Poljoprivredni prehrabeni proizvodi općenito

Europska normizacija
CEN

CWA 16814:2014-10

Nutritionally correct low-cost food for people at risk of poverty – General, specific requirements and labelling of CHANCE food

67.050 Untersuchung von Lebensmitteln und Nahrungsmitteln

Europska normizacija
CEN

EN 13805:2014-10

Foodstuffs – Determination of trace elements – Pressure digestion

67.140.30 Kakao

Međunarodna normizacija
ISO

ISO 2451:2014-10

Cocoa beans – Specification

67.200.10 Životinjske i biljne masti i ulja

Europska normizacija
CEN

EN ISO 12228-2:2014-10

Determination of individual and total sterols contents – Gas chromatographic method – Part 2: Olive and olive pomace oils (ISO 12228:2014)

ISO 12228-2:2014-10

Determination of individual and total sterols contents – Gas chromatographic method – Part 2: Olive oils and olive pomace oils

EN ISO 12966-1:2014-12

Animal and vegetable fats and oils – Gas chromatography of fatty acid methyl esters – Part 1: Guidelines on modern gas chromatography of fatty acid methyl esters (ISO 12966-1:2014)

67.250 Gradiva i proizvodi u dodiru s hransom

Europska normizacija
CEN

EN 14718:2014-12

Influence of organic materials on water intended for human consumption – Determination of the chlorine demand – Test method

67.260 Postrojenja i oprema za prehrambenu industriju

Europska normizacija

CEN

EN 453:2014-10

Food processing machinery – Dough mixers – Safety and hygiene requirements

EN 12268:2014-11

Food processing machinery – Band saw machines – Safety and hygiene requirements

EN 12463:2014-11

Food processing machinery – Filling machines and auxiliary machines – Safety and hygiene requirements

EN 13871:2014-11

Food processing machinery – Cubes cutting machinery – Safety and hygiene requirements

EN 15165:2014-10

Food processing machinery – Forming machines – Safety and hygiene requirements

EN 15180:2014-11

Food processing machinery – Food depositors – Safety and hygiene requirements

EN 454:2014-11

Food processing machinery – Planetary mixers – Safety and hygiene requirements

EN 12041:2014-11

Food processing machinery – Moulders – Safety and hygiene requirements

EN 12043:2014-11

Nahrungsmittelmaschinen – Zwischengärschrank – Sicherheits- und Hygieneanforderungen
Food processing machinery – Intermediate provers – Safety and hygiene requirements

71.040.20 Laboratorijsko posuđe i srodnji uređaji

Europska normizacija

CENELEC

EN 61010-2-010:2014-11

Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of Materials
(IEC 61010-2-010:2014)

71.040.30 Kemijski reagensi

Europska normizacija

CEN

CEN/TR 10317:2014-11

European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and steel products prepared under the auspices of the European Committee for Iron and Steel Standardization (ECIIS)

**Međunarodna normizacija
ISO**

ISO 14595:2014-10

Microbeam analysis – Electron probe microanalysis – Guidelines for the specification of certified reference materials (CRMs)

71.040.50 Fizikalnokemijske metode analize

**Međunarodna normizacija
ISO**

ISO 14594:2014-10

Microbeam analysis – Electron probe microanalysis – Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy

71.040.99 Druge norme koje se odnose na analitičku kemiju

**Međunarodna normizacija
ISO**

ISO 14595:2014-10

Microbeam analysis – Electron probe microanalysis – Guidelines for the specification of certified reference materials (CRMs)

71.080.60 Alkoholi. Eteri

**Međunarodna normizacija
ISO**

ISO 17196:2014-11

Dimethyl ether (DME) for fuels – Determination of impurities – Gas chromatographic method

ISO 17197:2014-11

Dimethyl ether (DME) for fuels – Determination of water content – Karl Fischer titration method

ISO 17198:2014-11

Dimethyl ether (DME) for fuels – Determination of total sulfur, ultraviolet fluorescence method

71.100.50 Kemikalije za zaštitu drveta

**Europska normizacija
CEN**

EN 252:2014-11

Field test method for determining the relative protective effectiveness of a wood preservative in ground contact

EN 330:2014-11

Wood preservatives – Determination of the relative protective effectiveness of a wood preservative for use under a coating and exposed out-of-ground contact – Field test: L-joint method

EN 839:2014-11

Wood preservatives – Determination of the protective effectiveness against wood destroying basidiomycetes – Application by surface treatment

71.100.70 Kozmetika. Toaletne potrepštine

Europska normizacija

CEN

EN ISO 17730:2014-11

Dentistry – Fluoride varnishes (ISO 17730:2014)

Međunarodna normizacija

ISO

ISO 15819:2014-10

Cosmetics – Analytical methods – Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS-MS

ISO 17730:2014-11

Dentistry – Fluoride varnishes

71.100.80 Kemikalije za pročišćivanje vode

Europska normizacija

CEN

EN 15074:2014-11

Chemicals used for treatment of swimming pool water – Ozone

71.100.99 Drugi proizvodi kemijske industrije

Europska normizacija

CEN

EN ISO 17516:2014-10

Cosmetics – Microbiology – Microbiological limits (ISO 17516:2014)

Međunarodna normizacija

ISO

ISO 17516:2014-10

Cosmetics – Microbiology – Microbiological limits

73.060.99 Druge rude crnih kovina

Međunarodna normizacija

ISO

ISO 13547-1:2014-11

Copper, lead, zinc and nickel sulfide concentrates – Determination of arsenic – Part 1: Iron hydroxide concentration and inductively coupled plasma atomic emission spectrometric method

ISO 13547-2:2014-11

Copper, lead, zinc and nickel sulfide concentrates – Determination of arsenic – Part 2: Acid digestion and inductively coupled plasma atomic emission spectrometric method

73.120 Oprema za obradbu ruda

Europska normizacija

CEN

EN 15571:2014-11

Machines and plants for mining and tooling of natural stone – Safety – Requirements for surface finishing machines

EN 16564:2014-12

Machines and plants for mining and tooling of natural stone – Safety – Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions

75.060 Prirodni plin

Europska normizacija

CEN

EN ISO 16960:2014-10

Natural gas – Determination of sulfur compounds – Determination of total sulfur by oxidative microcoulometry method (ISO 16960:2014)

Međunarodna normizacija

ISO

ISO 16960:2014-10

Natural gas – Determination of sulfur compounds – Determination of total sulfur by oxidative microcoulometry method

75.080 Naftni proizvodi općenito

Europska normizacija

CEN

EN ISO 10370:2014-11

Petroleum products – Determination of carbon residue – Micro method (ISO 10370:2014)

Međunarodna normizacija

ISO

ISO 10370:2014-11

Petroleum products – Determination of carbon residue – Micro method

75.140 Vosak, smolasta gradiva i drugi naftni proizvodi

Europska normizacija

CEN

EN 12592:2014-11

Bitumen and bituminous binders – Determination of solubility

EN 12594:2014-11

Bitumen and bituminous binders – Preparation of test samples

EN 12595:2014-11

Bitumen and bituminous binders – Determination of kinematic viscosity

EN 12596:2014-11

Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary

EN 12607-1:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 1: RTFOT method

EN 12607-2:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 2: TFOT method

EN 12607-3:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 3: RFT method

75.160.10 Kruta goriva

Europska normizacija

CEN

CEN/TR 15149-3:2014-11

Solid biofuels – Determination of particle size distribution – Part 3: Rotary screen method

75.160.20 Tekuća goriva

Europska normizacija

CEN

EN 1601/AC : 2014-10

Liquid petroleum products – Unleaded petrol – Determination of organic oxygenate compounds and total organically bound oxygen content by gas chromatography (O-FID)

CEN/TR 15367-1:2014-10

Petroleum products – Guidelines for good housekeeping – Part 1: Automotive diesel fuels

EN 15195:2014-11

Liquid petroleum products – Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber

EN 16576:2014-11

Automotive fuels – Determination of manganese and iron content in diesel – Inductively coupled plasma optical emission spectrometry (ICP OES) method

Međunarodna normizacija

ISO

ISO 17315:2014-10

Petroleum products and other liquids – Ethanol – Determination of total acidity by potentiometric titration

ISO 17196:2014-11

Dimethyl ether (DME) for fuels – Determination of impurities – Gas chromatographic method

ISO 17197:2014-11

Dimethyl ether (DME) for fuels – Determination of water content – Karl Fischer titration method

ISO 17198:2014-11

Dimethyl ether (DME) for fuels – Determination of total sulfur, ultraviolet fluorescence method

75.180.10 Oprema za iskorištavanje i vađenje

Međunarodna normizacija IEC

IEC 61892-5:2014-11

Mobile and fixed offshore units – Electrical installations – Part 5: Mobile units

75.200 Oprema za rukovanje naftnim proizvodima i prirodnim plinom

Europska normizacija CEN

CEN/TR 15367-1:2014-10

Petroleum products – Guidelines for good housekeeping – Part 1: Automotive diesel fuels

EN ISO 21809-2:2014-11

Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 2: Single layer fusion-bonded epoxy coatings
(ISO 21809-2:2014)

Međunarodna normizacija ISO

ISO 21809-2:2014-11

Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 2: Single layer fusion-bonded epoxy coatings

77.040.10 Mehaničko ispitivanje kovina

Međunarodna normizacija ISO

ISO 6506-1:2014-10

Metallic materials – Brinell hardness test – Part 1: Test method

ISO 6506-2:2014-10

Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines

ISO 6506-3:2014-10

Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks

ISO 6506-4:2014-10

Metallic materials – Brinell hardness test – Part 4: Table of hardness values

77.040.30 Kemijska analiza kovina

Europska normizacija CEN

CEN/TR 10362:2014-11

Chemical analysis of ferrous materials – Determination of selenium in steels – Electrothermal atomic absorption spectrometric method

77.080.20 Čelici

Europska normizacija
CEN

CEN/TR 10362:2014-11
Chemical analysis of ferrous materials – Determination of selenium in steels – Electrothermal atomic absorption spectrometric method

77.120.10 Aluminij i aluminijiske slitine

Europska normizacija
CEN

CEN/TR 16749:2014-10
Aluminium and aluminium alloys – Classification of Defects and Imperfections in High Pressure, Low Pressure and Gravity Die Cast Products

CEN/TR 16748:2014-12
Aluminium and aluminium alloys – Mechanical potential of Al-Si alloys for high pressure, low pressure and gravity die casting

77.140.10 Čelici koji se mogu toplinski obrađivati

Europska normizacija
CEN

EN ISO 683-17:2014-10
Heat-treated steels, alloy steels and free-cutting steels – Part 17: Ball and roller bearing steels
(ISO 683-17:2014)

Međunarodna normizacija
ISO

ISO 683-17:2014-10
Heat-treated steels, alloy steels and free-cutting steels – Part 17: Ball and roller bearing steels

ISO 683-3:2014-11
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels

ISO 683-5:2014-12
Heat treatable steels, alloy steels and free-cutting steels – Part 5: Nitriding steels

77.140.20 Čelici visoke kakvoće

Europska normizacija
CEN

EN ISO 683-17:2014-10
Heat-treated steels, alloy steels and free-cutting steels – Part 17: Ball and roller bearing steels
(ISO 683-17:2014)

ISO 683-3:2014-11
Heat-treatable steels, alloy steels and free-cutting steels – Part 3: Case-hardening steels

**Međunarodna normizacija
ISO**

ISO 683-17:2014-10

Heat-treated steels, alloy steels and free-cutting steels – Part 17: Ball and roller bearing steels

ISO 683-5:2014-12

Heat treatable steels, alloy steels and free-cutting steels – Part 5: Nitriding steels

77.140.30 Čelici za tlačne svrhe

**Međunarodna normizacija
ISO**

ISO 4995:2014-10

Hot-rolled steel sheet of structural quality

77.140.75 Čelične cijevi

**Europska normizacija
CEN**

EN 10217-7:2014-10

Welded steel tubes for pressure purposes – Technical delivery conditions – Part 7: Stainless steel tubes

77.150.10 Aluminijski proizvodi

**Europska normizacija
CEN**

CEN/TR 10317:2014-11

European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and steel products prepared under the auspices of the European Committee for Iron and Steel Standardization (ECISS)

79.040 Drvo, trupci i piljena građa

**Međunarodna normizacija
ISO**

ISO 13061-1:2014-10

Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 1: Determination of moisture content for physical and mechanical tests

ISO 13061-2:2014-10

Physical and mechanical properties of wood – Test methods for small clear wood specimens – Part 2: Determination of density for physical and mechanical tests

79.100 Pluto i pluteni proizvodi

Međunarodna normizacija ISO

ISO 7322:2014-10
Composition cork – Test methods

79.120.10 Strojevi za obradbu drveta

Europska normizacija CEN

EN 1870-3:2014-11
Safety of woodworking machines – Circular sawing machines – Part 3: Down cutting cross-cut saws and dual purpose down cutting cross-cut saws/circular saw benches

81.040.30 Stakleni proizvodi

Europska normizacija CENELEC

EN 61331-2:2014-10
Protective devices against diagnostic medical X-radiation – Part 2: Translucent protective plates (IEC 61331-2:2014)

81.060.30 Tehnička keramika

Međunarodna normizacija ISO

ISO 17138:2014-12
Fine ceramics (advanced ceramics, advanced technical ceramics) – Mechanical properties of ceramic composites at room temperature – Determination of flexural strength

ISO 18560-1:2014-11
Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for air-purification performance of semiconducting photocatalytic materials by test chamber method under indoor lighting environment – Part 1: Removal of formaldehyde

ISO 20507:2014-11
Hochleistungskeramik – Terminologie
Fine ceramics (advanced ceramics, advanced technical ceramics) – Vocabulary

83.040.10 Lateks i sirova guma

Međunarodna normizacija ISO

ISO 1656:2014-10
Rubber, raw natural, and rubber latex, natural – Determination of nitrogen content

ISO 12000:2014-10
Plastics/rubber – Polymer dispersions and rubber latices (natural and synthetic) – Definitions and review of test methods

83.060 Guma

Međunarodna normizacija ISO

ISO 2302:2014-10
Isobutene-isoprene rubber (IIR) – Evaluation procedure

ISO 4097:2014-10
Rubber, ethylene-propylene-diene (EPDM) – Evaluation procedure

ISO 4659:2014-10
Styrene-butadiene rubber (carbon black or carbon black and oil masterbatches) – Evaluation procedure

ISO 7663:2014-10
Halogenated isobutene-isoprene rubber (BIIR and CIIR) – Evaluation procedures

ISO 815-2:2014-11
Rubber, vulcanized or thermoplastic – Determination of compression set – Part 2: At low temperatures

ISO 11346:2014-12
Rubber, vulcanized or thermoplastic – Estimation of life-time and maximum temperature of use

83.080.20 Plastomerni materijali

Europska normizacija CEN

EN 15346:2014-11
Plastics – Recycled plastics – Characterization of poly(vinyl chloride) (PVC) recyclates

EN 15348:2014-11
Plastics – Recycled plastics – Characterization of poly(ethylene terephthalate) (PET) recyclates

EN ISO 17855-1:2014-10
Plastics – Polyethylene (PE) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 17855-1:2014)

EN ISO 19066-1:2014-10
Plastics – Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 19066-1:2014)

EN ISO 18064:2014-12
Thermoplastische Elastomere – Nomenklatur und Kurzzeichen (ISO 18064:2014)
Thermoplastic elastomers – Nomenclature and abbreviated terms (ISO 18064:2014)

EN ISO 19065-1:2014-12
Plastics – Acrylonitrile-styrene-acrylate (ASA), acrylonitrile-(ethylene-propylene-diene)-styrene (AEPDS) and acrylonitrile-(chlorinated polyethylene)-styrene (ACS) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 19065-1:2014)

Međunarodna normizacija ISO

ISO 12000:2014-10
Plastics/rubber – Polymer dispersions and rubber latices (natural and synthetic) – Definitions and review of test methods

ISO 17855-1:2014-10

Plastics – Polyethylene (PE) moulding and extrusion materials – Part 1: Designation system and basis for specifications

ISO 19066-1:2014-10

Plastics – Methyl methacrylate-acrylonitrile-butadiene-styrene (MABS) moulding and extrusion materials – Part 1: Designation system and basis for specifications

ISO 19065-1:2014-12

Plastics – Acrylonitrile-styrene-acrylate (ASA), acrylonitrile-(ethylene-propylene-diene)-styrene (AEPDS) and acrylonitrile-(chlorinated polyethylene)-styrene (ACS) moulding and extrusion materials – Part 1: Designation system and basis for specifications

83.100 Porasta gradiva

Europska normizacija

CEN

EN ISO 2440/A2:2014-10

Flexible and rigid cellular polymeric materials – Accelerated ageing tests – Amendment 2 (ISO 2440:1997/AMD 2:2014)

Međunarodna normizacija

ISO

ISO 2440 AMD 2:2014-10

Flexible and rigid cellular polymeric materials – Accelerated ageing tests; Amendment 2

83.140.10 Filmovi i ploče

Europska normizacija

CEN

EN 1013+A1:2014-12

Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods

83.140.40 Sipke cijevi

Europska normizacija

CEN

EN ISO 5359:2014-10

Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases (ISO 5359:2014)

Međunarodna normizacija

ISO

ISO 5359:2014-10

Anaesthetic and respiratory equipment – Low-pressure hose assemblies for use with medical gases

83.160.01 Gume za vozila općenito

Međunarodna normizacija ISO

ISO 14960-1:2014-11
Tubeless tyres – Valves and components – Part 1: Test methods

ISO 14960-2:2014-11
Tubeless tyres – Valves and components – Part 2: Clamp-in tubeless tyre valve-test method

83.180 Adhezivi

Europska normizacija CEN

EN 16556:2014-11
Determination of the maximum open time for thermoplastic wood adhesives for non-structural applications

87.040 Boje i lakovi

Europska normizacija CEN

EN ISO 2813:2014-10
Paints and varnishes – Determination of gloss value at 20 degrees, 60 degrees and 85 degrees (ISO 2813:2014)

EN ISO 4618:2014-10
Paints and varnishes – Terms and definitions (ISO 4618:2014)

EN ISO 13803:2014-10
Paints and varnishes – Determination of haze on paint films at 20 degrees (ISO 13803:2014)

Međunarodna normizacija ISO

ISO 4618:2014-10
Paints and varnishes – Terms and definitions

ISO 13803:2014-10
Paints and varnishes – Determination of haze on paint films at 20 degrees

91.060.01 Elementi građevina općenito

Europska normizacija CEN

EN 1013+A1:2014-12
Light transmitting single skin profiled plastics sheets for internal and external roofs, walls and ceilings – Requirements and test methods

EN 13823+A1:2014-11
Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item

91.060.20 Krovovi

Europska normizacija

CEN

EN 1365-2:2014-11

Fire resistance tests for loadbearing elements – Part 2: Floors and roofs

91.060.30 Stropovi. Podovi. Stubišta

Europska normizacija

CEN

EN 1365-2:2014-11

Fire resistance tests for loadbearing elements – Part 2: Floors and roofs

EN 16487:2014-11

Akustik – Prüfvorschrift für Unterdecken – Schallabsorption

Acoustics – Test code for suspended ceilings – Sound absorption

91.060.50 Vrata i prozori

Europska normizacija

CEN/CENELEC

CEN/TR 16676:2014-10

Energy losses by industrial door

EN 60335-2-97/A12

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-97: Besondere Anforderungen für Rollläden, Markisen, Jalousien und ähnliche Einrichtungen

EN 60335-2-103

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-103: Besondere Anforderungen für Antriebe für Tore, Türen und Fenster (IEC 60335-2-103:2006, modifiziert + A1:2010 (MOD))

91.080.01 Konstrukcije zgrada općenito

Europska normizacija

CEN

EN 13381-5:2014-11

Test methods for determining the contribution to the fire resistance of structural members – Part 5: Applied protection to concrete/profiled sheet steel composite member

91.090 Vanske konstrukcije

Europska normizacija

CENELEC

EN 60335-2-95

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-95: Besondere Anforderungen für Antriebe von Garagentoren mit Senkrechtbewegung zur Verwendung im Wohnbereich (IEC 60335-2-95:2011, modifiziert)

EN 60335-2-95/AA

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-95: Besondere Anforderungen für Antriebe von Garagentoren mit Senkrechtbewegung zur Verwendung im Wohnbereich

91.100.01 Građevna gradiva općenito

Europska normizacija

CEN

EN 13823+A1:2014-11

Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item

91.100.10 Cement. Gips. Vapno. Žbuka

Europska normizacija

CEN

EN 480-1:2014-10

Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing

91.100.23 Keramičke pločice

Europska normizacija

CEN

EN ISO 10545-1:2014-10

Ceramic tiles – Part 1: Sampling and basis for acceptance (ISO 10545-1:2014)

Međunarodna normizacija

ISO

ISO 10545-1:2014-10

Ceramic tiles – Part 1: Sampling and basis for acceptance

91.100.30 Beton i betonski proizvodi

Europska normizacija

CEN

EN 480-1:2014-10

Admixtures for concrete, mortar and grout – Test methods – Part 1: Reference concrete and reference mortar for testing

91.100.50 Veziva. Materijali za brtvljenje

Europska normizacija

CEN

EN 12592:2014-11

Bitumen and bituminous binders – Determination of solubility

EN 12594:2014-11

Bitumen and bituminous binders – Preparation of test samples

EN 12595:2014-11

Bitumen and bituminous binders – Determination of kinematic viscosity

EN 12596:2014-11

Bitumen and bituminous binders – Determination of dynamic viscosity by vacuum capillary

EN 12607-1:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 1: RTFOT method

EN 12607-2:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 2: TFOT method

EN 12607-3:2014-11

Bitumen and bituminous binders – Determination of the resistance to hardening under influence of heat and air – Part 3: RFT method

91.140.50 Sustavi opskrbe električnom energijom

Međunarodna normizacija

IEC

IEC 60364-8-1:2014-10

Low-voltage electrical installations – Part 8-1: Energy efficiency

91.140.90 Dizala. Pokretne stube

Europska normizacija

CENELEC

CEN/TR 81-12:2014-10

Safety rules for the construction and installation of lifts – Basics and interpretations – Part 12: Use of EN 81-20 and EN 81-50 in specific markets

91.100.60 Gradiva za toplinsku i zvučnu izolaciju

Međunarodna normizacija

ISO

ISO 29467 AMD 1:2014-12

Thermal insulating products for building applications – Determination of squareness; Amendment 1

ISO 29471 AMD 1:2014-12

Thermal insulating products for building applications – Determination of dimensional stability under constant normal laboratory conditions (23 degrees C/50 % relative humidity); Amendment 1

ISO 29472 AMD 1:2014-12

Thermal insulating products for building applications – Determination of dimensional stability under specified temperature and humidity conditions; Amendment 1

ISO 29767 AMD 1:2014-12

Thermal insulating products for building applications – Determination of short-term water absorption by partial immersion; Amendment 1

ISO 29771 AMD 1:2014-12
Thermal insulating materials for building applications – Determination of organic content;
Amendment 1

91.120.20 Akustika u zgradama. Zvučna izolacija

Europska normizacija
CEN

EN 16487:2014-11
Acoustics – Test code for suspended ceilings – Sound absorption

91.140.40 Sustavi opskrbe plinom

Europska normizacija
CEN

CEN/TR 16787:2014-11
Industrial Gas Installation – Guideline

91.140.50 Sustavi opskrbe strujom

Međunarodna normizacija
IEC

IEC 60364-4-42 AMD 1:2014-11
Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects

IEC 60364-4-42 Edition 3.1:2014-11
Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects

91.140.60 Sustavi opskrbe vodom

Europska normizacija
CEN

EN 14154-4:2014-11
Water meters – Part 4: Additional functionalities

91.140.70 Sanitarne instalacije

Europska normizacija
CEN

EN 16146+A1:2014-11
Sanitary tapware – Extractable shower hoses for sanitary tapware for supply systems type 1 and type 2 – General technical specification

91.160.10 Unutrašnja rasvjeta

Europska normizacija
CENELEC

EN 60598-2-22:2014-10
Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting
(IEC 60598-2-22:2014)

91.190 Građevni pribor

Europska normizacija
CEN

EN 13126-5+A1:2014-11
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 5: Devices that restrict the opening of windows and door height windows

91.220 Građevna oprema

Međunarodna normizacija
ISO

ISO 13105-1:2014-12
Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 1: Terms and commercial specifications

ISO 13105-2:2014-12
Building construction machinery and equipment – Machinery for concrete surface floating and finishing – Part 2: Safety requirements and verification

93.020 Zemljani radovi. Iskopavanja. Temeljenje. Podzemni radovi

Europska normizacija
CEN

EN ISO 17892-1:2014-12
Geotechnical investigation and testing – Laboratory testing of soil – Part 1: Determination of water content (ISO 17892-1:2014)

EN ISO 17892-2:2014-12
Geotechnical investigation and testing – Laboratory testing of soil – Part 2: Determination of bulk density (ISO 17892-2:2014)

93.080.40 Rasvjeta ulica i srodnja oprema

Europska normizacija
CEN

CEN/TR 13201-1:2014-12
Road lighting – Part 1: Guidelines on selection of lighting classes

93.100 Gradnja željezničkih pruga

Europska normizacija
CEN

EN 13146-1+A1:2014-11

Railway applications – Track – Test methods for fastening systems – Part 1: Determination of longitudinal rail restraint

EN 13146-4+A1:2014-11

Railway applications – Track – Test methods for fastening systems – Part 4: Effect of repeated loading

97.030 Kućanski električni uređaji općenito

Europska normizacija
CENELEC

CLC/TS 50574-2

Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons – Part 2: specification for de-pollution

EN 60335-2-101/A2

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-101: Besondere Anforderungen für Verdampfergeräte (IEC 60335-2-101:2002/A2:2014)

97.040.20 Štednjaci, radni stolovi, pećnice i slični uređaji

Europska normizacija
CENELEC

EN 60335-2-25/A1

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-25: Besondere Anforderungen für Mikrowellenkochgeräte und kombinierte Mikrowellenkochgeräte (IEC 60335-2-25:2010/A1:2014)

EN 60350-1/A11

Elektrische Kochgeräte für den Hausgebrauch – Teil 1: Herde, Backöfen, Dampfgarer und Grills – Verfahren zur Messung der Gebrauchseigenschaften

EN 60350-2/A11

Elektrische Kochgeräte für den Hausgebrauch – Teil 2: Kochfelder – Verfahren zur Messung der Gebrauchseigenschaften

EN 60335-2-90/A2

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-90: Besondere Anforderungen für gewerbliche Mikrowellenkochgeräte (IEC 60335-2-90:2006/A2:2014)

97.080 Uređaji za čišćenje podova

Europska normizacija
CENELEC

EN 62826:2014-10

Surface cleaning appliances – Floor treatment machines with or without traction drive, for commercial use – Methods of measuring the performance (IEC 62826:2014)

97.100.10 Električni grijачi

Međunarodna normizacija IEC

IEC 60704-2-5 AMD 1:2014-10

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-5: Particular requirements for electric thermal storage room heaters

IEC 60704-2-5 Edition 2.1:2014-10

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-5: Particular requirements for electric thermal storage room heaters

IEC 60335-2-30 Corrigendum 1:2014-11

Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters

97.150 Netekstilni podni prekrivači

Međunarodna normizacija ISO

ISO 24334:2014-12

Laminate floor coverings – Determination of locking strength for mechanically assembled panels

97.170 Oprema za njegu tijela

Europska normizacija CENELEC

EN 60335-2-23/A12

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke – Teil 2-23: Besondere Anforderungen für Geräte zur Behandlung von Haut oder Haar

97.190 Oprema za djecu

Europska normizacija CEN

EN 1466:2014-11

Child use and care articles – Carry cots and stands – Safety requirements and test methods

CEN/TR 16411:2014-12

Child use and care articles – 2014 compiled interpretations of CEN/TC 252 standards

97.200.50 Igračke

Europska normizacija CEN

EN 71-1:2014-11

Sicherheit von Spielzeug – Teil 1: Mechanische und physikalische Eigenschaften
Safety of toys – Part 1: Mechanical and physical properties

**Međunarodna normizacija
ISO**

ISO 8124-4:2014-10

Safety of toys – Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use

97.220.20 Oprema za zimske športove

**Međunarodna normizacija
ISO**

ISO 9462:2014-10

Alpine ski-bindings – Requirements and test methods

ISO 13992:2014-10

Alpine touring ski-bindings – Requirements and test methods

97.220.30 Oprema za športske dvorane

**Europska normizacija
CEN**

EN 1271:2014-10

Playing field equipment – Volleyball equipment – Functional and safety requirements, test methods

97.220.40 Oprema za sportove na otvorenom i sportove na vodi

**Europska normizacija
CEN**

EN 1271:2014-10

Playing field equipment – Volleyball equipment – Functional and safety requirements, test methods

EN 13138-2:2014-12

Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held

EN 13138-3:2014-12

Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn